

CASE

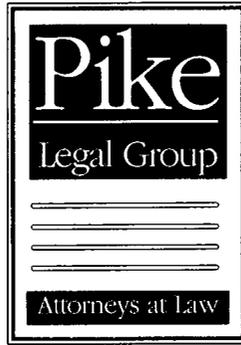
NUMBER:

99-480

Construct
CELL SITE - ROWLETTES CAVE SPRING ROAD - MUNFORDVILLE

IN THE MATTER OF THE APPLICATION OF CROWN COMMUNICATION
INC., TRITEL COMMUNICATIONS, INC. AND TRITEL FINANCE, INC.
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC CONVENIENCE AND
NECESSITY TO CONSTRUCT A WIRELESS COMMUNICATIONS FACILITY AT
ROWLETTES-CAVE SPRING ROAD MUNFORDVILLE, KENTUCKY 42765
IN THE WIRELESS COMMUNICATIONS LICENSE AREA
IN THE COMMONWEALTH OF KENTUCKY
IN THE COUNTY OF HART
SITE NAME: MUNFORDVILLE

SEQ NBR	ENTRY DATE	REMARKS
0001	12/01/1999	Application.
0002	12/02/1999	Acknowledgement letter.
M0001	12/27/1999	DAVID PIKE CROWN COMMUNICATION-MOTION TO SUBMIT FOR EXPEDITED DECISION WITHOUT PUBLIC HEARI
0003	03/03/2000	Final Order granting a Certificate to construct.
M0002	04/24/2000	DAVID PIKE/CROWN COMMUNICATIONS-FEDERAL AVIATION ADMIN & KY ZONING COMMISSION APPROVALS



RECEIVED

APR 24 2000

PUBLIC SERVICE
COMMISSION

April 24, 2000

Susan G. Hutcherson
Filings Division Manager, Docket Branch
Kentucky Public Service Commission
P.O. Box 615
Frankfort, KY 40602

Re: Applicant: Crown Communication, Inc.
PSC Case No.: 99-480
Crown Site No.: 263-110
Crown Site Name: Munfordville
Federal Aviation Administration Approval
Kentucky Airport Zoning Commission Approval

Dear Susan:

Please accept this letter and the attached documents as an official filing in the above-referenced Public Service Commission action. The Certificate of Public Convenience and Necessity issued in this action called for the Applicant to file a copy of the Federal Aviation Administration and Kentucky Airport Zoning Commission approvals once they were obtained. Copies of this relevant documentation are attached to this letter for inclusion in the official case file.

If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Pike", written over a horizontal line.

David A. Pike
Regional Counsel, Crown Communication Inc.
E-mail: pikelegal@aol.com

DAP/slb

Enclosures



Federal Aviation Administration
Southern Region, ASO-520
P.O. Box 20636
Atlanta, GA 30320

800558 / KY-MUNFORDVILLE
AERONAUTICAL STUDY
No: 99-ASO-5674-OE

ISSUED DATE: 11/22/99

CHRISTINE VERRE
CROWN COMMUNICATION, INC
375 SOUTHPOINTE BLVD
CANONSBURG, PA 15317

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Description: NEW ANTENNA TOWER
SEE ATTACHED FREQUENCIES
Location: MUNFORDVILLE KY
Latitude: 37-14-49.41 NAD 83
Longitude: 085-55-13.34
Heights: 425 feet above ground level (AGL)
1100 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

-As a condition to this determination, the structure should be marked and/or lighted in accordance with FAA Advisory Circular 70/7460-1J, Obstruction Marking and Lighting, Chapters 4, 8(M-Dual), & 13.

-It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

N/A At least 10 days prior to start of construction
(7460-2, Part I)

X Within 5 days after construction reaches its greatest height
(7460-2, Part II)

-See attachment for additional condition(s) or information.

This determination expires on 05/22/01 unless:

- (a) extended, revised or terminated by the issuing office or
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case the determination expires on the date prescribed by the FCC for completion of construction or on the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

-As a result of this structure being critical to flight safety, it is

required that the FAA be kept apprised as to the status of this project. Failure to respond to periodic FAA inquiries could invalidate this determination.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, frequency(ies) or use of greater power will void this determination. Any future construction or alteration, including increase in heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at 404-305-5581. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 99-ASO-5674-OE.

Wade Carpenter

Wade Carpenter
Specialist, Airspace Branch

(DNE)

7460-2 Attached
Attachment

ATTACHMENT

AERONAUTICAL STUDY
NO. 99-ASO-5674-OE

FREQUENCIES

33-54 MHz	100 Watts
72-73 MHz	100 Watts
144-162 MHz	250 Watts
220-222 MHz	100 Watts
450-502 MHz	250 Watts
800-960 MHz	500 Watts
1,500 MHz	500 Watts
1,900-2,000 MHz	500 Watts
5,000-6,500 MHz	100 Watts
10,000-11,000 MHz	100 Watts
18,000 MHz	100 Watts
21,000 MHz	100 Watts
24,000 MHz	100 Watts
38,000 MHz	100 Watts
2-18 GHz	80 dbm EIRP



125 Holmes Street
Frankfort, KY 40622

fax: (502) 564-7933
No.: AS-050-GLW-99-275

800558/KY - Munfordville

January 14, 2000

APPROVAL OF APPLICATION

APPLICANT:

**CROWN COMMUNICATION INC
CHRISTINE VERRE, REGULATORY COORDINATOR
375 SOUTH POINTE BOULEVARD
Cannonsburg, PA 15317**

SUBJECT: AS-050-GLW-99-275

**STRUCTURE: Antenna Tower
LOCATION: Munfordville, KY
COORDINATES: 37°14'49.41"N / 85°55'13.34"W
HEIGHT: 425' AGL/1,100' AMSL**

The Kentucky Airport Zoning Commission has approved your application for a permit to construct (425' AGL/1,100' AMSL) Antenna Tower near Munfordville, KY 37°14'49"N, 85°55'13"W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

A copy of the approved application is enclosed for your files.

Dual obstruction lighting is required in accordance with 602 KAR 50:100..

Ronald Bland, Administrator



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
211 SOWER BOULEVARD
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

CERTIFICATE OF SERVICE

RE: Case No. 1999-480
TRITEL FINANCE, INC.

I, Stephanie Bell, Secretary of the Public Service Commission, hereby certify that the enclosed attested copy of the Commission's Order in the above case was served upon the following by U.S. Mail on March 3, 2000.

See attached parties of record.

Stephanie Bell
Secretary of the Commission

SB/hv
Enclosure

David Burak
Tritel Finance, Inc.
1512 Crums Lane
Louisville, KY. 40216

Lloyd McCarthy
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Honorable David A. Pike
Attorney for Crown Communication Inc
Pike Legal Group
200 South Buckman Street
P. O. Box 369
Shepherdsville , KY. 40165 0369

Honorable Sandra F. Keene
& Honorable Mark W. Dobbins
Attorneys for Tritel
Tilford, Dobbins, Alexander,
Buckaway & Black
One Riverfront Plaza, Suite 1400
Louisville, KY. 40202

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION)
INC., TRITEL COMMUNICATIONS, INC. AND)
TRITEL FINANCE, INC. FOR ISSUANCE OF A)
CERTIFICATE OF PUBLIC CONVENIENCE AND)
NECESSITY TO CONSTRUCT A WIRELESS)
COMMUNICATIONS FACILITY AT ROWLETTES-)
CAVE SPRING ROAD, MUNFORDVILLE,)
KENTUCKY 42765 IN THE WIRELESS) CASE NO. 99-480
COMMUNICATIONS LICENSE AREA IN THE)
COMMONWEALTH OF KENTUCKY IN THE)
COUNTY OF HART)
SITE NAME: MUNFORDVILLE)
SITE NUMBER: 263-110)

O R D E R

On December 1, 1999, Crown Communication Inc. ("Crown") and Tritel Communication, Inc. (collectively, the "Applicants") filed an application seeking a Certificate of Public Convenience and Necessity to construct and operate a wireless telecommunications facility. Crown has requested authorization to construct a cell site in Hart County and Tritel has provided evidence that the public convenience and necessity will be served by the proposed construction.

The proposed facility consists of a guyed antenna tower not to exceed 250 feet in height, to be located at Rowlettes-Cave Spring Road, Munfordville, Hart County, Kentucky. The coordinates for the proposed facility are North Latitude 37° 14' 49.41" by West Longitude 85° 55' 13.34".

Crown has provided information regarding the structure of the tower, safety measures, and antenna design criteria for the proposed facility. Based upon the application, the design of the tower and foundation conforms to applicable nationally recognized building standards, and the plans have been certified by a Registered Professional Engineer.

Pursuant to 807 KAR 5:063, the Applicants have notified the Hart County/Judge Executive of the proposed construction. The Applicants have filed applications with the Federal Aviation Administration ("FAA") and the Kentucky Airport Zoning Commission ("KAZC") seeking approval for the construction and operation of the proposed facility. Both applications are pending.

The Applicants have filed evidence of the appropriate notices provided pursuant to 807 KAR 5:063. The notices solicited any comments and informed the recipients of their right to request intervention. To date, no requests for intervention have been filed with the Commission.

Pursuant to KRS 278.280, the Commission is required to determine proper practices to be observed when it finds, upon complaint or on its own motion, that the facilities of any utility subject to its jurisdiction are unreasonable, unsafe, improper, or insufficient. To assist the Commission in its efforts to comply with this mandate, Crown should notify the Commission if it does not use this antenna tower to provide service in the manner set out in its application and this Order. Upon receipt of such notice, the Commission may, on its own motion, institute proceedings to consider the proper practices, including removal of the unused antenna tower, which should be observed by Crown.

The Commission, having considered the evidence of record and being otherwise sufficiently advised, finds that the Applicants have demonstrated that a facility is necessary to provide adequate utility service and therefore should be granted a Certificate of Public Convenience and Necessity to construct the proposed facility.

IT IS THEREFORE ORDERED that:

1. Crown is granted a Certificate of Public Convenience and Necessity to construct a guyed antenna tower not to exceed 250 feet in height, with attached antennas, to be located at Rowlettes-Cave Spring Road, Munfordville, Hart County, Kentucky. The coordinates for the proposed facility are North Latitude 37° 14' 49.41" by West Longitude 85° 55' 13.34".

2. The Applicants shall file a copy of the final decisions regarding their pending FAA and KAZC applications for the proposed construction within 10 days of receiving these decisions.

3. Crown shall immediately notify the Commission in writing, if, after the antenna tower is built and utility service is commenced, the tower is not used for a period of 3 months in the manner authorized by this Order.

Done at Frankfort, Kentucky, this 3rd day of March, 2000.

By the Commission

ATTEST:

Deputy W. H. T. Bowker
Executive Director

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

RECEIVED

DEC 27 1999

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.)
TRITEL COMMUNICATIONS, INC. AND TRITEL)
FINANCE, INC. FOR ISSUANCE OF A CERTIFICATE OF)
PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT)
A WIRELESS COMMUNICATIONS FACILITY AT)
ROWLETTES-CAVE SPRING ROAD, MUNFORDVILLE, KY 42765)
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF HART)
SITE NAME: MUNFORDVILLE)
SITE NUMBER: 263-110)

CASE NO.: 99-480

**MOTION TO SUBMIT
FOR EXPEDITED DECISION WITHOUT PUBLIC HEARING
(NO INTERVENERS)**

Come the Crown Communication Inc. ("Crown"), as ultimate owner, and Tritel Communications, Inc. and Tritel Finance, Inc. (both Tritel entities jointly referred to as "Provider"), as a licensed public utility in the Commonwealth of Kentucky, all three entities hereinafter jointly referred to as "Applicants", by counsel, and move the Kentucky Public Service Commission ("PSC") to promptly grant a Certificate of Public Convenience and Necessity ("CPCN") in the within Application proceeding based on the following facts and circumstances:

1. The Applicants have met all filing requirements under the Kentucky Revised Statutes and the Kentucky Administrative Regulations applicable to this proceeding.
2. There are no Interveners in this proceeding after Notice has been afforded pursuant to the terms of the Kentucky Revised Statutes and the Kentucky Administrative

Regulations.

3. The Wireless Communications Facility ("WCF") which is the subject of this Application for a CPCN is a vital element of the Provider's wireless communications network, and is necessary to provide service in accordance with provisions of its license with the Federal Communications Commission.

4. The county where the WCF is located has not registered for the right to regulate cell sites with the PSC, and has not adopted planning and zoning regulations in accordance with KRS 100.

5. The Application in this administrative proceeding was originally filed with the PSC on December 1, 1999, 26 days before the submission of this Motion.

WHEREFORE, Crown and the Provider, Applicants herein, by counsel, urge the PSC to promptly grant a CPCN in accordance with the terms of the Application in this proceeding without public hearing on an expedited basis.

Respectfully submitted,



David A. Pike
Pike Legal Group
200 S. Buckman Street
Post Office Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
E-Mail: pikelegal@aol.com
ATTORNEY FOR CROWN COMMUNICATION INC.

and

Mark W. Dobbins
Sandra F. Keene
Tilford, Dobbins, Alexander, Buckaway, & Black
Suite 1400
One Riverfront Plaza
Louisville, KY 40202
Telephone: (502) 584-6137
ATTORNEYS FOR TRITEL COMMUNICATIONS, INC.
& TRITEL FINANCE, INC.



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

December 10, 1999

To: All parties of record

RE: Case No. 1999-480
TRITEL FINANCE, INC.

The Commission staff has reviewed your application in the above case and finds that it meets the minimum filing requirements. Enclosed please find a stamped filed copy of the first page of your filing. This case has been docketed and will be processed as expeditiously as possible.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,

A handwritten signature in cursive script that reads "Stephanie Bell".

Stephanie Bell
Secretary of the Commission

SB/sh
Enclosure

David Burak
Tritel Finance, Inc.
1512 Crums Lane
Louisville, KY. 40216

Lloyd McCarthy
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Honorable David A. Pike
Attorney for Crown Communication Inc
Pike Legal Group
200 South Buckman Street
P. O. Box 369
Shepherdsville , KY. 40165 0369

Honorable Sandra F. Keene
& Honorable Mark W. Dobbins
Attorneys for Tritel
Tilford, Dobbins, Alexander,
Buckaway & Black
One Riverfront Plaza, Suite 1400
Louisville, KY. 40202

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

FILED

DEC - 1 1999

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.,)
TRITEL COMMUNICATIONS, INC. AND TRITEL)
FINANCE, INC. FOR ISSUANCE OF A CERTIFICATE OF)
PUBLIC CONVENIENCE AND NECESSITY TO)
CONSTRUCT A WIRELESS COMMUNICATIONS)
FACILITY AT ROWLETTES-CAVE SPRING ROAD)
MUNFORDVILLE, KENTUCKY 42765)
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF HART)

CASE NO.: 99-480

SITE NAME: MUNFORDVILLE
SITE NUMBER: 263-110

RECEIVED
DEC 01 1999
PUBLIC SERVICE
COMMISSION

Crown Communication Inc. ("Crown"), as ultimate owner, and Tritel Communications, Inc. and Tritel Finance, Inc. (both Tritel entities jointly referred to as "Provider"), as a licensed public utility in the Commonwealth of Kentucky, hereinafter jointly referred to as "Applicants", by counsel, pursuant to (i) KRS 278.020 and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit their Application for a Certificate of Public Convenience and Necessity ("CPCN") from the Public Service Commission of Kentucky ("PSC") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Provider with wireless telecommunications services, and other wireless service provider collocations in the area described herein.

In support of this Application, the Applicants respectfully provide and state the



COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION

730 SCHENKEL LANE
POST OFFICE BOX 615
FRANKFORT, KY. 40602
(502) 564-3940

December 2, 1999

To: All parties of record

RE: Case No. 1999-480
TRITEL FINANCE, INC.
(Construct) CELL SITE - ROWLETTES CAVE SPRING ROAD - MUNFORDVILLE

This letter is to acknowledge receipt of initial application in the above case. The application was date-stamped received December 1, 1999 and has been assigned Case No. 1999-480. In all future correspondence or filings in connection with this case, please reference the above case number.

If you need further assistance, please contact my staff at 502/564-3940.

Sincerely,
Stephanie Bell

Stephanie Bell
Secretary of the Commission

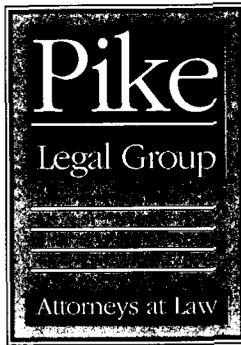
SB/jc

David Burak
Tritel Finance, Inc.
1512 Crums Lane
Louisville, KY. 40216

Lloyd McCarthy
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, KY. 40299

Honorable David A. Pike
Attorney for Crown Communication Inc
Pike Legal Group
200 South Buckman Street
P. O. Box 369
Shepherdsville , KY. 40165 0369

Honorable Sandra F. Keene
& Honorable Mark W. Dobbins
Attorneys for Tritel
Tilford, Dobbins, Alexander,
Buckaway & Black
One Riverfront Plaza, Suite 1400
Louisville, KY. 40202



December 1, 1999

VIA HAND DELIVERY

Helen C. Helton
Executive Director
Kentucky Public Service Commission
730 Schenkel Lane
P. O. Box 615
Frankfort, Kentucky 40602

FILED

DEC - 1 1999

**PUBLIC SERVICE
COMMISSION**

**PUBLIC SERVICE
COMMISSION**

DEC 01 1999

RECEIVED

Re: Request for Waiver for From Requirements for Duplicate Initial Filing
PSC Case Number: 99-480
Site Name: Munfordville
Site Number: 263-110

Dear Helen:

Please accept this letter as our formal application for waiver of the requirement that an original and ten (10) copies of an initial application for issuance of Certificate of Public Convenience and Necessity be filed with the Kentucky Public Service Commission in wireless communications facilities cases. As is the normal custom, we request that we be allowed to file an original and five (5) copies of our application for Certificate of Public Convenience and Necessity.

Thank you for your courtesy. If you have any questions or comments concerning this matter, please do not hesitate to contact me.

Sincerely,

David A. Pike
Regional Counsel for Crown Communication Inc.

DAP:slb

For Inclusion in Application File



COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

FILED

DEC - 1 1999

PUBLIC SERVICE
COMMISSION

In the Matter of:

APPLICATION OF CROWN COMMUNICATION INC.,)
TRITEL COMMUNICATIONS, INC. AND TRITEL)
FINANCE, INC. FOR ISSUANCE OF A CERTIFICATE OF) CASE NO.: 99-480
PUBLIC CONVENIENCE AND NECESSITY TO)
CONSTRUCT A WIRELESS COMMUNICATIONS)
FACILITY AT ROWLETTES-CAVE SPRING ROAD)
MUNFORDVILLE, KENTUCKY 42765)
IN THE WIRELESS COMMUNICATIONS LICENSE AREA)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF HART)

SITE NAME: MUNFORDVILLE
SITE NUMBER: 263-110

RECEIVED
DEC 01 1999
PUBLIC SERVICE
COMMISSION

Crown Communication Inc. ("Crown"), as ultimate owner, and Tritel Communications, Inc. and Tritel Finance, Inc. (both Tritel entities jointly referred to as "Provider"), as a licensed public utility in the Commonwealth of Kentucky, hereinafter jointly referred to as "Applicants", by counsel, pursuant to (i) KRS 278.020 and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submit their Application for a Certificate of Public Convenience and Necessity ("CPCN") from the Public Service Commission of Kentucky ("PSC") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Provider with wireless telecommunications services, and other wireless service provider collocations in the area described herein.

In support of this Application, the Applicants respectfully provide and state the

following information:

1. The complete names and addresses of the Applicants are:

Crown Communication Inc., a Delaware Corporation, 375 Southpointe Boulevard, Canonsburg, PA 15317, (724) 416-2000, having a local address of Commonwealth Business Center, 11001 Bluegrass Parkway, Suite 330, Louisville, Kentucky 40299, (502) 240-0044.

Tritel Communications, Inc., a Delaware Corporation, 1410 Livingston Lane, Jackson, Mississippi 39213 (601) 362-2200, having a local address of 2351 Nelson Miller Parkway, Suite 103, Louisville, Kentucky 40223.

Tritel Finance, Inc., a Delaware Corporation, 1410 Livingston Lane, Jackson, Mississippi 39213 (601) 362-2200, having a local address of 2351 Nelson Miller Parkway, Suite 103, Louisville, Kentucky 40223.

2. Crown constructs, owns, manages, maintains, and operates independent communications networks. Crown owns and manages safe, clean, and well-maintained facilities. Crown facilities do not generate smoke, odors, noise, noxious gases, vibrations, or increase traffic. Studies show that Crown's facilities will not pollute air, soil, or water, nor will they adversely affect radio or television reception or transmission. A certified copy of the Certificate of Authority issued by the Secretary of State of the Commonwealth of Kentucky and a certified copy of the Articles of Incorporation issued by the Secretary of State of Delaware for Crown are attached or described as part of **Exhibit A**.

3. After completion of the proposed WCF, Crown will lease or license space on said tower and the surrounding site so that the Provider may locate and operate its facility including all required antennas and appurtenances. The proposed WCF will serve an area completely within the Provider's Federal Communications Commission "FCC" licensed

service area in the Commonwealth of Kentucky. The Provider is authorized to provide wireless services by the FCC and the PSC. In compliance with the PSC's Order in Administrative Case No. 370, Provider previously filed with the PSC its Notice of Intent to Construct and Operate a Commercial Mobile Radio Service ("CMRS") Transmission System with the Commonwealth of Kentucky. Included with said Notice were copies of Provider's Articles of Incorporation and FCC license. Tritel also has filed a Tariff with the PSC (Tariff No. 60-0067). Crown has located the proposed site in a manner such that other wireless communications service providers will desire to collocate on said tower, and will endeavor to provide all necessary facilities to make collocation attractive to them.

4. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring the Provider's services to an area currently not served by the Provider and will thereby enhance the public's access to innovative and competitive wireless telecommunications services. The WCF will provide a necessary link in the Provider's telecommunications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications licensed area. The WCF is an integral link in the Provider's network design that must be in place to cover the proposed service area.

5. Crown's construction of the described WCF is desirable because it allows for the collocation of additional wireless service providers within this portion of the Kentucky wireless communications licensed area. These services may include telecommunications, wireless data transfer and Internet services, wireless cable, paging systems, 911 service, and other new products currently being developed in the wireless

industry. In addition, the WCF will be available for use by governmental agencies and providers of emergency services. The WCF will provide a necessary link in Crown's wireless infrastructure network, and Crown, as part of its business structure, will diligently pursue and encourage other wireless providers to collocate on the WCF. These services will provide increased competition in the local Kentucky telecommunications market, which will, in turn, promote competitive pricing, quality, and coverage options to users of telecommunications services in this area. Crown's vested interest in the collocation of wireless service providers promotes the same goals for the local consumers.

6. The Applicants propose to construct a WCF at Rowlettes-Cave Spring Road, Munfordville, Kentucky 42765 (37 14 49.41 North latitude, 85 55 13.34 West longitude), in an area located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is owned by Mike K. Stinson. The proposed WCF will consist of a 250-foot Guyed tower, with an approximately 20-foot lightning arrestor attached at the top, for a total height of 270 feet. The WCF will also include concrete foundations to accommodate the placement of the Provider's proprietary radio electronics equipment. The equipment will be housed in a prefabricated cabinet or shelter that will contain: (i) the transmitting and receiving equipment required to connect the WCF with the Provider's users in Kentucky, (ii) telephone lines that will link the WCF with the Provider's other facilities, (iii) battery back-up that will allow the Provider to operate even after a loss of outside power, and (iv) all other necessary appurtenances. The Provider's equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will

be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit B** and **Exhibit C**. Periodic inspections will be performed on the WCF in accordance with the applicable regulations or requirements of the PSC. The list of competing utilities, corporations, or persons is attached as **Exhibit D**.

7. Reduced copies of the site development plan have been included as **Exhibit B** and **Exhibit C** of this Application. A vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the Provider and future antenna mounts, has also been included as part of **Exhibit B**. Foundation design plans and a description of the standards according to which the tower was designed signed and sealed by a professional engineer registered in Kentucky is included as part of **Exhibit C**.

8. The Applicants have considered the likely effects of the installation on nearby land uses and values and have concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to collocate. The Applicants have attempted to collocate on suitable existing structures such as a telecommunications towers or other suitable structures capable of supporting the Provider's facilities. No other suitable and available collocation site was found to be located in the vicinity of the site. Information regarding the Applicants' efforts to achieve collocation in the vicinity are presented as **Exhibit E**.

9. The Applicants have conducted a preliminary aeronautical evaluation for the

proposed WCF. The evaluation determined that the proposed structure height at this site meets Federal Aviation Administration ("FAA") Regulation requirements. Furthermore, FAA notice is required for the proposed construction, and lighting or marking requirements may be applicable to this facility. A copy of the FAA Application is attached as **Exhibit F**.

Upon receiving authorization from the FAA, the Applicants will forward a copy of the determination as a supplement to this Application proceeding.

10. A copy of the Kentucky Airport Zoning Commission ("KAZC") Application for the proposed WCF is attached as **Exhibit G**. Upon receiving authorization from the KAZC, the Applicants will forward a copy of the determination as a supplement to this Application proceeding.

11. The WCF will be registered with the FCC pursuant to applicable federal requirements. Appropriate required FCC signage will be posted on the site upon receipt of the tower registration number.

12. A geotechnical-engineering firm has performed soil boring(s) and subsequent geotechnical-engineering studies at the WCF site under the supervision of a professional engineer registered in the Commonwealth of Kentucky who specializes in geotechnical engineering, including subsurface exploration. The geotechnical-engineering firm has performed many such studies for the communications industry. A copy of the geotechnical-engineering report and evaluation signed and sealed by a professional engineer registered in the Commonwealth of Kentucky who specializes in geotechnical engineering, including subsurface exploration, is attached as **Exhibit H**. The name and address of the geotechnical-engineering firm and the professional engineer registered in

the Commonwealth of Kentucky who supervised the examination of this WCF site are included in **Exhibit H**.

13. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit I**. The name and address of the preparer of **Exhibit J** is included in **Exhibit J**.

14. Crown, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the abbreviated agreement recorded with the County Clerk is attached as **Exhibit J**. Also included as part of **Exhibit J** is the portion of the full agreement demonstrating that in the case of abandonment a method is provided to dismantle and remove the cellular antenna tower, including a timetable for removal.

15. Personnel directly responsible for the design and construction of the proposed WCF are well-qualified and experienced. Pirod ("the Tower Manufacturer") performed the tower and foundation design. The Tower Manufacturer is a nationally recognized manufacturer and designer of communications towers. The Tower Manufacturer has designed and installed communications towers throughout North America. The Tower Manufacturer has assigned John Erichsen, a professional engineer registered in the Commonwealth of Kentucky to design the WCF. This engineer specializes in the design and engineering of guyed, self-support and monopole structures, and has extensive experience in the design and construction of projects similar to the Applicants'. These projects include the design of towers and the required foundations of many other wireless facilities. All of the designs have been signed and sealed by John Erichsen. The construction of the proposed WCF will be performed by Crown Network

Systems, an experienced, bonded, and insured erection company. The Tower Erection Manager, Harold Harrington, will manage the tower erection. Harold Harrington is a tower installation manager for Crown and has been erecting towers for the telecommunications industry for over 8 years. All tower designs will meet or exceed applicable laws and regulations.

16. Based on a review of Federal Emergency Management Agency Flood Insurance Rate Maps, the registered land surveyor has noted in **Exhibit B** that the proposed WCF is not located within any flood hazard area.

17. The possibility of high winds has been considered in the design of this tower. The tower has been designed and engineered by professional engineers using computer assistance and the same accepted codes and standards as are typically used for high-rise building construction. The tower has been designed to withstand a wind loading of 70 m.p.h., using the Uniform Building Code of 1991 ("UBC-91") and further modified by the 1993 Administrative Code. This tower has been designed in accordance with the Electronic Industries Association ("EIA") 222-F Standards, which have been accepted and approved by ANSI and is a nationally recognized tower design standard. Similarly, the proposed WCF design has been developed with consideration of potential ground shaking based on a negligible seismic zone of 1. Seismic loading is regarded as secondary to the wind loading.

18. The site development plan signed and sealed by a professional engineer registered in Kentucky was prepared by Charles E. Weiter, and was designed from a survey performed by Jack L. Tarr. This site development plan is drawn to a scale of no

less than one (1) inch equals 200 feet, and identifies every owner of real estate within 500 feet of the proposed tower (according to the Property Valuation Administrator) and is incorporated in the survey as part of **Exhibit B**. Every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system is incorporated in the survey as part of **Exhibit B**.

19. Crown, on behalf of itself and the Provider, has notified every person who owns property within 500 feet of the proposed tower by certified mail, return receipt requested, of the proposed construction, along with the possibility of a temporary site being built while awaiting PSC approval. Each property owner has been given the docket number under which the proposed Application will be processed and has been informed of their right to request intervention. A list of the nearby property owners who received the notices, together with copies of the certified letters, are attached as **Exhibit K** and **Exhibit L**, respectively.

20. Crown, on behalf of itself and the Provider, has notified the Judge Executive of the county where the WCF is located by certified mail, return receipt requested, of the proposed construction. Crown included in said notice the PSC docket number under which the application will be processed and informed said entity of its right to request intervention. A copy of this notice is attached as **Exhibit M**. The county where the WCF is located has not registered for the right to regulate cell sites with the PSC, and has not adopted planning and zoning regulations in accordance with KRS Chapter 100.

21. Two appropriate notice signs measuring at least two (2) feet in height and

four (4) feet in width with all required language in letters of required height have been posted in a visible location on the proposed site and on the nearest public road and shall remain posted for at least two (2) weeks after filing of the Application. Copies of the postings are attached as **Exhibit N**. The location of the proposed facility has been published in a newspaper of general circulation in the county where the WCF is located.

22. There are no residences within a 500-foot radius of the centerline of the proposed tower location. The land surrounding the WCF site is presently being used for agriculture with the balance of the remaining land consisting of raw acreage.

23. The process that was used in selecting the site for the proposed WCF by the Applicants' radio frequency engineers was consistent with the process used for selecting generally all other existing and proposed WCF facilities within the proposed network design area. Before beginning the acquisition process, the Applicants carefully evaluated the location of the required WCF for possible collocation opportunities on existing structures. Radio frequency engineers used computer programs to evaluate the most effective coverage design for facilitating collocation potential on the proposed tower. Crown and the Provider's radio frequency engineers have combined their efforts in order to develop a highly efficient network that is designed to serve the FCC licensed territory without extending beyond the Provider's approved boundary. The engineers selected the optimum vicinity in terms of elevation and location to provide the best quality service to customers in the service area. A proposed coverage area was considered by the Applicants when searching for sites that would provide both (i) the coverage deemed necessary by the Provider, and (ii) the coverage deemed necessary by Crown to permit

the integration of the proposed WCF into Crown's overall network design. No suitable towers or existing structures were found in the immediate area which would meet the technical requirements for this element of the telecommunications network. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should, pursuant to radio frequency requirements, be located is attached as **Exhibit O**.

24. A grid map showing the location of all existing cellular antenna towers that includes the general position of proposed construction sites for new cellular antenna towers within the planning commission's jurisdiction and one-half mile outside the boundary of the planning unit's jurisdiction if that area contains either existing or proposed construction sites for cellular antenna towers is attached as **Exhibit P**.

25. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

26. All responses and requests associated with this Application may be directed

to:

Lloyd McCarthy
Crown Communication Inc.
Commonwealth Business Center
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299
Telephone: (502) 240-0044

and

David A. Pike
Pike Legal Group
200 S. Buckman Street
P. O. Box 369
Shepherdsville, Kentucky 40165-0369
(502) 955-4400
ATTORNEY FOR CROWN COMMUNICATION INC.

and

Mark W. Dobbins
Sandra F. Keene
Tilford, Dobbins, Alexander, Buckaway, & Black
Suite 1400
One Riverfront Plaza
Louisville, Kentucky 40202
(502) 584-6137
ATTORNEYS FOR TRITEL COMMUNICATIONS, INC.
& TRITEL FINANCE, INC.

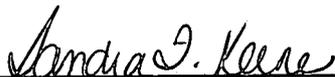
WHEREFORE, the Applicants respectfully request that the PSC accept the foregoing Application for filing, and having met the requirements of KRS 278.020 and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the WCF at the location set forth herein for the respective networks in the Commonwealth of Kentucky.

Respectfully submitted,



David A. Pike
Pike Legal Group
200 S. Buckman Street
P. O. Box 369
Shepherdsville, Kentucky 40165-0369
(502) 955-4400
ATTORNEY FOR CROWN COMMUNICATION, INC.

and



Mark W. Dobbins
Sandra F. Keene
Tilford, Dobbins, Alexander, Buckaway, & Black
Suite 1400
One Riverfront Plaza
Louisville, Kentucky 40202
(502) 584-6137
ATTORNEYS FOR TRITEL COMMUNICATIONS, INC. & TRITEL FINANCE, INC.

LIST OF EXHIBITS

- A - Articles of Incorporation and Certificate of Authority
- B - Site Development Plan:
 - Vicinity Map
 - Property Owner Listing
 - 500' Vicinity Map
 - Legal Descriptions
 - Flood Plain Certification
 - Site Plan
 - Vertical Tower Profile
- C - Tower and Foundation Design
- D - Competing Utilities, Corporations, or Persons List
- E - Collocation Report
- F - Application to FAA
- G - Application to Kentucky Airport Zoning Commission
- H - Geotechnical Report
- I - Directions to WCF Site
- J - Copy of Real Estate Agreement
- K - Notification Listing
- L - Copy of Property Owner Notification
- M - Copy of Judge Executive Notice
- N - Copy of Posting Notices
- O - Copy of Radio Frequency Design Search Area
- P - Tower Map for Subject County

EXHIBIT A
ARTICLES OF INCORPORATION AND CERTIFICATE OF
AUTHORITY



OFFICE OF THE SECRETARY OF STATE

FOREIGN CORPORATION
CERTIFICATE OF AUTHORIZATION

I, JOHN Y. BROWN III, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,
CROWN COMMUNICATION INC.

is a corporation organized and existing under the laws of the state or country of
DELAWARE; that was first authorized to transact business in the Commonwealth of Kentucky on AUGUST 12, 1997.

I further certify that all fees and penalties owed to the Secretary of State have been paid to date; that an Application for Certificate of Withdrawal has not been filed; and that the most recent annual report required by KRS Chapter 271B.16-220 or 273.3671 has been delivered to the Secretary of State on behalf of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, at Frankfort, Kentucky, this 4TH day of DECEMBER, 19 97.


JOHN Y. BROWN III
Secretary of State
Commonwealth of Kentucky



JOHN Y. BROWN III
SECRETARY OF STATE

CERTIFICATE

I, JOHN Y. BROWN III, Secretary of State for the Commonwealth of Kentucky, do certify that the foregoing writing has been carefully compared by me with the original record thereof, now in my official custody as Secretary of State and remaining on file in my office, and found to be a true and correct copy of CERTIFICATE OF AUTHORITY OF CROWN COMMUNICATION INC. FILED AUGUST 12, 1997.

IN WITNESS WHEREOF, I have hereunto
set my hand and affixed my official seal.

Done at Frankfort this 4TH day of
DECEMBER, 19 97

John Y. Brown III
Secretary of State, Commonwealth of Kentucky

State of Delaware
Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "TRITEL FINANCE, INC." IS DULY INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL CORPORATE EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE TWENTY-FIRST DAY OF AUGUST, A.D. 1998.

AND I DO HEREBY FURTHER CERTIFY THAT THE FRANCHISE TAXES HAVE NOT BEEN ASSESSED TO DATE.

END OF DOCUMENT

2901520 8300

981328729



A handwritten signature in cursive script that reads "Edward J. Freel".

Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

9265495

08-21-98

WFO1256

50458CWAL98

01/27/1998



Federal Communications Commission

Wireless Telecommunications Bureau

Radio Station Authorization

Call Sign: WFO1256	File Number: 50458CWAL98	Print Date: 01/27/1998
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Name of Licensee:

Global PCS, Inc.
1410 Livingston Lane

Jackson MS 39213-8003

Market Number: MTA026	Channel Block: A	Sub-Market Designator: 2
--------------------------	---------------------	-----------------------------

Market Name: Louisville-Lexington-Evansville

The licensee hereby is authorized, for the period indicated, to operate a radio transmitting station in accordance with the terms and conditions hereinafter described. This authorization is subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts of Congress, international treaties and agreements to which the United States is a signatory, and all pertinent rules and regulations of the Federal Communications Commission, contained in Title 47 of the Code of Federal Regulations.

Effective Date	1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date	Expiration Date
01/27/1998	06/23/2000	06/23/2005			06/23/2005

Conditions:

Pursuant to Section 309(h) of the Communications Act of 1934, as amended, (47 U.S.C. 309(h)), this license is subject to the following conditions: This license does not vest in the licensee any right to operate a station nor any right in the use of frequencies beyond the term thereof nor in any other manner than authorized herein. Neither this license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended, 47 U.S.C. 151, et seq. This license is subject in terms to the right of use or control conferred by Section 706 of the Communications Act of 1934, as amended, 47 U.S.C. 606.

Special Conditions:

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

EXHIBIT B

SITE DEVELOPMENT PLAN:

VICINITY MAP

PROPERTY OWNER LISTING

500' VICINITY MAP

LEGAL DESCRIPTIONS

FLOOD PLAIN CERTIFICATION

SITE PLAN

VERTICAL TOWER PROFILE



11001 BLUEGRASS PARKWAY
 SUITE # 330
 LOUISVILLE, KY. 40299
 (502) 240-0044 PHONE
 (502) 240-0045 FAX

MUNFORDVILLE

263-110-00A

ROWLETTES-CAVE SPRING ROAD
 MUNFORDVILLE, KY. 42765
 PROPOSED 250' GUY TOWER
 WITH MULTIPLE CARRIERS

CROWN
 COMMUNICATION, INC.
 11001 BLUEGRASS PARKWAY
 SUITE # 330
 LOUISVILLE, KENTUCKY 40299
 (502) 240-0044 PHONE
 (502) 240-0045 FAX

BTA
 BIRCH, TRAUTWEIN & MIMS, INC.
 4124 TAYLORSVILLE ROAD
 LOUISVILLE, KENTUCKY 40220
 (502) 459-8402 PHONE
 (502) 459-8427 FAX



ECHO NUMBER:
 263-110-00A

SITE NAME:
 MUNFORDVILLE

SITE ADDRESS:
 ROWLETTES-CAVE SPRINGS RD.
 MUNFORDVILLE, KY. 42765

AREA:
 LEASE AREA = 2,500 sq. ft.

PROPERTY OWNER:
 MIKE K. STINSON
 ROWLETTES-CAVE SPRINGS RD.
 MUNFORDVILLE, KY. 42765

TAX MAP NUMBER: 45

PARCEL NUMBER: 6.01

SOURCE OF TITLE:
 D.B. 230, PG. 524

DRAWN BY: DOC

CHECKED BY: BJ

NO.	REVISION/ISSUE	DATE
1.	ZONING PLANS	10/11/99
2.	CROWN REVISIONS	10/19/99
3.	REVISE TOWER ELEV.	11/12/99

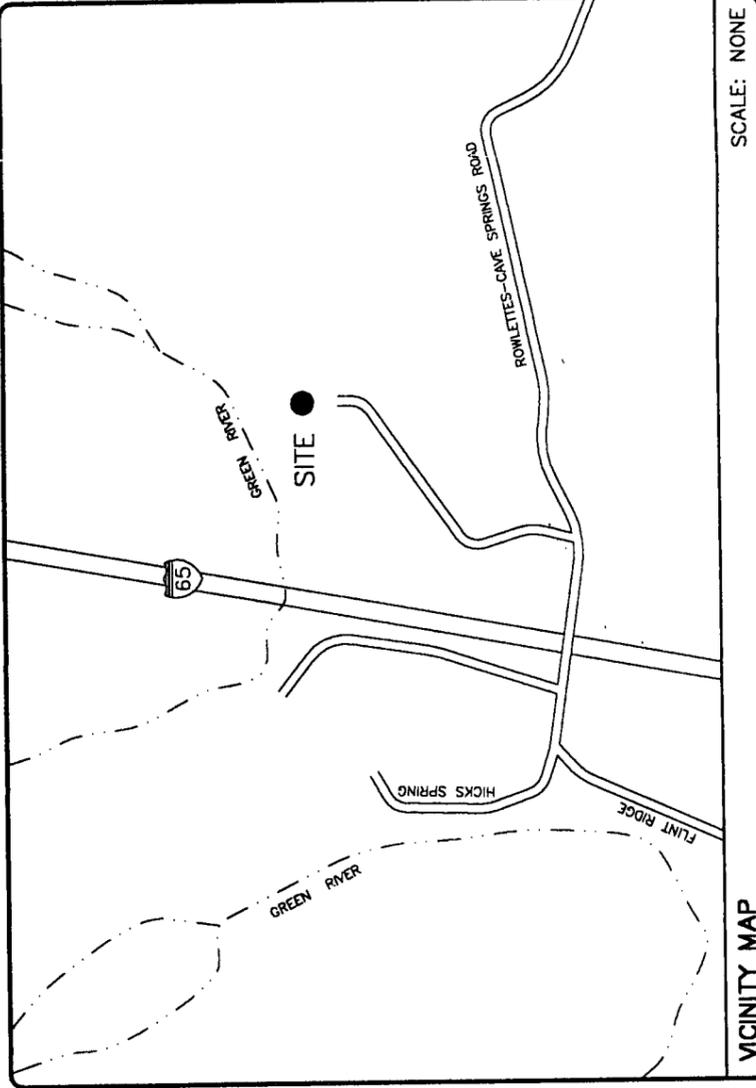
TITLE: TITLE SHEET,
 SITE INFO
 AND SHEET INDEX

SHEET:
 T-1

SHEET NUMBER	DESCRIPTION
T-1	TITLE SHEET & SITE INFO
C-1	500' RADIUS/ABUTTERS
C-2	SITE SURVEY PLAN
Z-3	ARCHITECTURAL SITE LAYOUT
Z-4	NORTH & SOUTH ELEVATION
Z-5	EAST & WEST ELEVATION

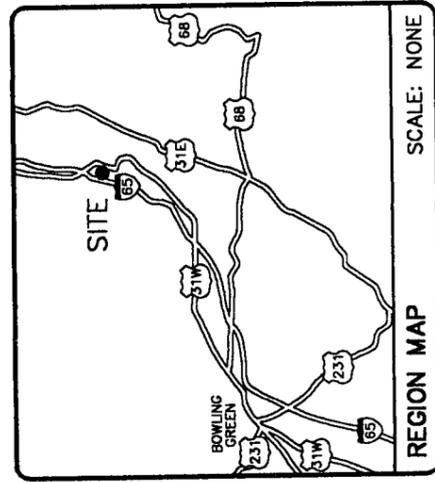
R.F.	IMPLEMENTATION
	LEASE AGENT
	ZONING AGENT
	LAND OWNER
	SIGNATURE BOX

SITE NAME MUNFORDVILLE	SITE NUMBER 263-110-00A	SITE ADDRESS ROWLETTES-CAVES SPRINGS ROAD MUNFORDVILLE, KY. 42765	SITE OWNER MIKE K. STINSON ROWLETTES-CAVES SPRINGS ROAD MUNFORDVILLE, KY. 42765	APPLICANT CROWN COMMUNICATION, INC. COMMONWEALTH BUSINESS CENTER 11001 BLUEGRASS PARKWAY LOUISVILLE, KENTUCKY 40299 OFFICE: (502) 240-0044 FAX: (502) 240-0045	ZONING NA	TAX MAP NUMBER 45	AREA OF PARCEL LEASE AREA = 2,500 SQ. FT.	PARCEL NUMBER 6.01	SOURCE OF TITLE DEED BOOK 230, PAGE 524	PROJECT INFORMATION
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DIRECTIONS TO SITE

TAKE 31W SOUTH, FOLLOW 31 WEST SOUTH TO HIGHWAY 355 (YOU WILL SEE A BIG SIGN THAT SAYS "MAMOTH ONYX CAVE") MAKE A RIGHT ONTO HWY 335. GO 0.2 MILES AND MAKE A RIGHT ONTO ROWLETTES-CAVE SPRINGS RD. FOR 2.0 MILES (CURVEY ROAD) AND MAKE A RIGHT ONTO DIRT DRIVEWAY. (IF YOU GO BACK OVER I-65 YOU HAVE GONE TO FAR) GO TO END OF DRIVEWAY UNTIL YOU SEE A TRAILER HOME. SITE IS UP ON RIDGE BEHIND THE HOME.



ARCHITECTURAL DESIGN
 ENGINEER

BTA

BIRCH, TRAUTWEIN & MIMS, INC.
 4124 TAYLORSVILLE ROAD
 LOUISVILLE, KENTUCKY 40220
 (502) 459-8402 PHONE
 (502) 459-8427 FAX

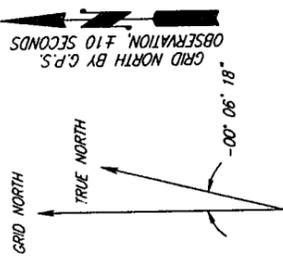
SURVEYING

T. Alan Neal Company

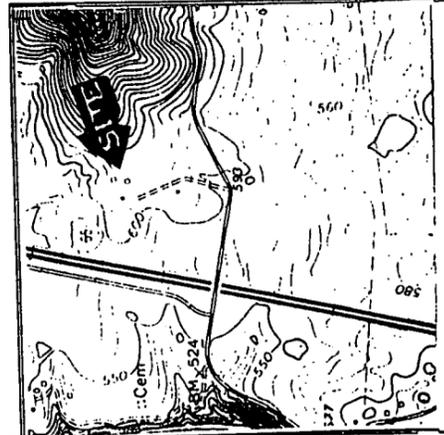
TAC

Civil Engineering & Land Surveying
 428 Warnock Street
 Louisville, KY 40217
 (502) 635-5866 FAX: 636-5263

SHEET 1	
	VICINITY AND 500' STRUCTURAL MAP
	ABUTTING PROPERTY OWNERS
	U.S.G.S. QUAD MAP
SHEET 2	
	LEASE AREA
	LEGAL DESCRIPTIONS
	FLOOD ZONE DATA

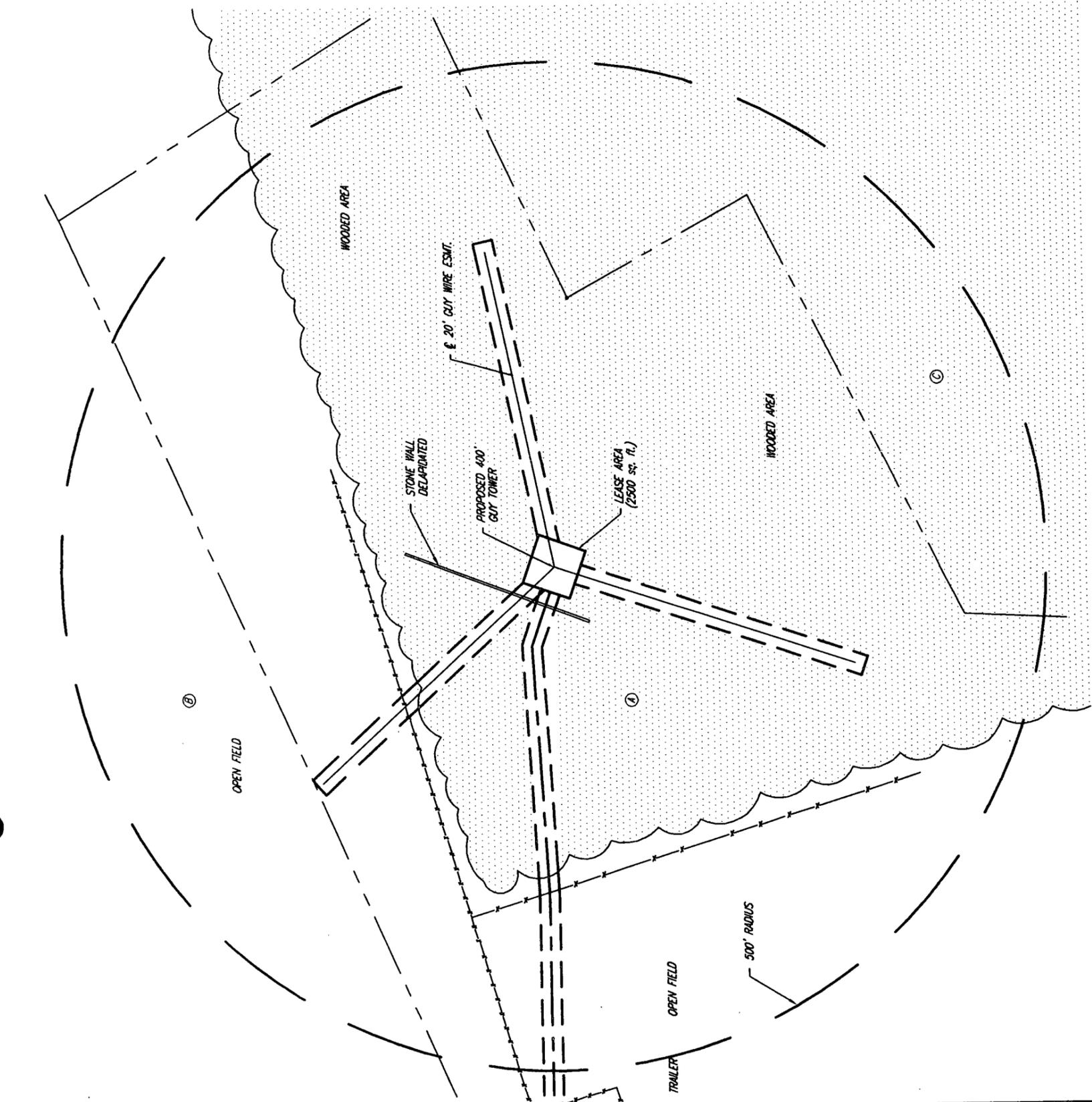


NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM. SOUTH ZONE AND WAS DETERMINED BY COMPUTATION FROM C.P.S. OBSERVATION ON SEPTEMBER 23, 1999.



QUAD MAP
SCALE: 1"=2000'

U.S.G.S. 7 1/2 MINUTE QUAD MAP OF HORSE CAVE, KY.



MAP 45, LOT 6.01
STINSON, MIKE K. & DANA
29296 LOUISVILLE RD.
CAVE CITY, KY 42127
DEED BOOK 230, PAGE 524

MAP 45, LOT 6.07
WINTON, JAMES WILLIAMS
1676 S. DUNE HWY
MUNFORDVILLE, KY 42765
DEED BOOK 230, PAGE 116

MAP 45, LOT 8
ISAACS, HARRY M. & MARY BURBA
P.O. BOX 520
MUNFORDVILLE, KY 42765
DEED BOOK 166, PAGE 478



COMMONWEALTH BUSINESS CENTER
11001 BLUEGRASS PARKWAY
SUITE 330
LOUISVILLE, KY. 40299
OFFICE: (502) 240-0044
FAX: (502) 240-0045

T. Alan Neal Company



(502) 635-5866
FAX: 636-5263

Land Surveying
428 Warrick Street
Louisville, Kentucky 40217

ECHO NUMBER:
263-110-004

SITE NAME:
MUNFORDVILLE

SITE ADDRESS:
ROWLETT'S-CAVE SPRINGS ROAD
MUNFORDVILLE, KY 42765

AREA:
LEASE AREA = 2500 sq. ft.

PROPERTY OWNER:
MIKE K. STINSON
ROWLETT'S-CAVE SPRINGS ROAD
MUNFORDVILLE, KY 42765

TAX MAP NUMBER:
45

PARCEL NUMBER:
6.01

SOURCE OF TITLE:
DEED BOOK 230, PAGE 524

DWG BY: LAP
CHKD BY: FSJ
DATE: 10.01.99

TAN PROJECT NO.:
T-2700

SHEET 1 OF 2

REVISIONS:
SQUARE FEET OF LEASE AREA
10.14.99

C1

	VICINITY AND 500' STRUCTURAL MAP
	ABUTTING PROPERTY OWNERS
	U.S.C.S. QUAD MAP
SHEET 2	
	LEASE AREA
	LEGAL DESCRIPTIONS
	FLOOD ZONE DATA

SHEET 1	
	VICINITY AND 500' STRUCTURAL MAP
	ABUTTING PROPERTY OWNERS
	U.S.C.S. QUAD MAP
SHEET 2	
	LEASE AREA
	LEGAL DESCRIPTIONS
	FLOOD ZONE DATA

COMMONWEALTH BUSINESS CENTER
11001 BLUEGRASS PARKWAY
SUITE 330
LOUISVILLE, KY. 40299
OFFICE: (502) 240-0044
FAX: (502) 240-0045

T. Alan Neal Company

(502) 635-5866
FAX: 638-5263

Land Surveying
428 Winneck Street
Louisville, Kentucky 40217

ECHO NUMBER: 263-110-00A

SITE NAME: MUNFORDVILLE

SITE ADDRESS: ROWLETTIS-CAVE SPRINGS ROAD, MUNFORDVILLE, KY. 42765

AREA: LEASE AREA = 2500 sq. ft.

PROPERTY OWNER: MIKE K. STINSON, ROWLETTIS-CAVE SPRINGS ROAD, MUNFORDVILLE, KY. 42765

TAX MAP NUMBER: 45

PARCEL NUMBER: 6.01

SOURCE OF TITLE: DEED BOOK 230, PAGE 524

DWG BY: JMW, CHKD BY: FSII, DATE: 10.04.99

TAN PROJECT NO.: T-2700

SHEET 2 OF 2

LINE LEGEND	SYMBOL	DESCRIPTION
— P —		OVERHEAD ELECTRIC
— G —		UNDERGROUND GAS LINE
— W —		UNDERGROUND WATER LINE
— SS —		UNDERGROUND SANITARY SEWER LINE
— T —		UNDERGROUND TELEPHONE LINE
— D —		DRAINAGE/STORM SEWER LINE
— F —		FENCE
— X —		SUBJECT PROPERTY BOUNDARY
—		RIGHT OF WAY CENTERLINE

NOTE: SYMBOLS, ABBREVIATIONS, OR LIFESTYLES DO NOT NECESSARILY APPEAR ON DRAWINGS. USE ONLY AS APPLICABLE.

ABBREVIATIONS	SYMBOL	DESCRIPTION
EP		EDGE OF PAVEMENT
ROW		RIGHT OF WAY
C		CENTERLINE
RCP		REINFORCED CONCRETE PIPE
CONC		CONCRETE
CMP		CORRUGATED METAL PIPE
R		SUBJECT PROPERTY LINE
TC		TOP OF CURB
BC		BOTTOM OF CURB
POB		POINT OF BEGINNING

LEGAL DESCRIPTIONS:

This is a description for Crown Communication Inc., of an area to be leased from the property of Mike K. Stinson, which is further described as follows:

LEASE AREA
Beginning at an existing #5 rebar capped located at the northwest corner of the property conveyed to Mike K. and Dana Stinson as recorded in Deed Book 230 Page 524, in the Office of the Clerk, of the County Court, of Hart County, Kentucky; thence following the west line of said property S 13°13'11" W - 1164.52' to an existing #5 rebar capped; thence following the north right of way line of Rowlettis-Cave Springs Road S 79°58'37" E - 10.00' to a set #5 rebar; thence traversing said property N 13°13'11" E - 1023.71' to a set #5 rebar; thence N 59°17'26" E - 450.74' to a set #5 rebar; thence N 89°47'50" E - 266.11' to a set #5 rebar; thence N 86°45'48" E - 243.58' to a set #5 rebar; thence S 70°24'50" E - 57.74' to a set #5 rebar and the TRUE POINT OF BEGINNING of the Lease Area; thence N 19°35'10" E - 28.93' to a set #5 rebar; thence S 70°24'50" E - 50.00' to a set #5 rebar; thence S 19°35'10" W - 50.00' to a set #5 rebar; thence N 70°24'50" W - 50.00' to a set #5 rebar; thence N 19°35'10" E - 21.07' to the true point of beginning containing 2500 square feet as per survey by T. Alan Neal Company dated October 4, 1999.

CENTERLINE OF 20' ACCESS & UTILITY EASEMENT
Beginning at an existing #5 rebar capped located at the northwest corner of the property conveyed to Mike K. and Dana Stinson as recorded in Deed Book 230 Page 524, in the Office of the Clerk, of the County Court, of Hart County, Kentucky; thence following the west line of said property S 13°13'11" W - 1164.52' to an existing #5 rebar capped; thence following the north right of way line of Rowlettis-Cave Springs Road S 79°58'37" E - 10.00' to a set #5 rebar and the TRUE POINT OF BEGINNING of the centerline of a 20' Access and Utility Easement; thence following said centerline and traversing said property N 13°13'11" E - 1023.71' to a set #5 rebar; thence N 59°17'26" E - 450.74' to a set #5 rebar; thence N 89°47'50" E - 266.11' to a set #5 rebar; thence N 86°45'48" E - 243.58' to a set #5 rebar; thence S 70°24'50" E - 57.74' to a set #5 rebar.

STATE OF KENTUCKY
JACK L. TARR
2984
LICENSED PROFESSIONAL LAND SURVEYOR

TYPE "A" SURVEY: UNADJUSTED TRANSVERSE CLOSURE BETTER THAN 1 IN 21,000.
TO ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED I hereby certify that this plat and survey were made under my supervision, and that the angular and linear measurements, as witnessed by monuments shown hereon, are true and correct to the best of my knowledge and belief.
This survey and plat meets or exceeds the minimum standards of the governing authorities.
This property is subject to any recorded easements or right of ways not shown hereon.

Jack L. Tarr, Ky Reg. No. 2984

SCALE: 1" = 200'
(IN FEET)

0' 200' 400'

TRUE NORTH
GRID NORTH
-00° 06' 18"

NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM. EXISTING MONUMENTS WERE DETERMINED BY COMPARISON FROM C.P.S. OBSERVATION ON APRIL 22, 1999.

SURVEYORS NOTES
SOURCE OF BEARINGS IS A C.P.S. OBSERVATION ON SEPTEMBER 13, 1999.
SOURCE OF ROTATION BASED ON THE BEST PROPERTY LINE OF THE STINSON PROPERTY HAVING THE BEARING OF N 17°05'45" E PER D.B. 230, PG. 524, AND THE CALCULATED BEARING OF N 13°13'11" E.
SITE SHOWN TO RIGHT OF THIS SHOWN HEREON OR NOT NO SEARCH OF PUBLIC RECORDS HAS BEEN PERFORMED BY THIS FIRM TO DETERMINE ANY DEFECTS AND/OR ABUSIVES IN THE TITLE OF THE ABOVE TRACT.
EXISTING CONTROLS ARE AT ONE FOOT INTERVALS.

UNDERGROUND UTILITIES BEFORE YOU DIG
CALL 2 WORKING DAYS
KENTUCKY 1-800-382-5544
KENTUCKY 1-800-752-6007
UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST CALL DIRECTLY

The utility information shown on this plat, prepared by T. Alan Neal Company was obtained from existing records and/or by field locations. It is the contractor's responsibility to verify their existence and location, and to contact the appropriate utility company for field locations.

C2

SITE PLAN NOTES

THE PROPOSED DEVELOPMENT IS FOR A 250 FOOT HIGH GUYED TOWER AND UP TO 4 ANCILLARY CABINETS. ITS LOCATION IS AT ROWLETTES-CAVE SPRINGS RD. MUNFORDVILLE, KY 42765

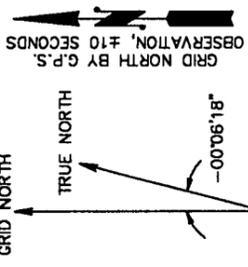
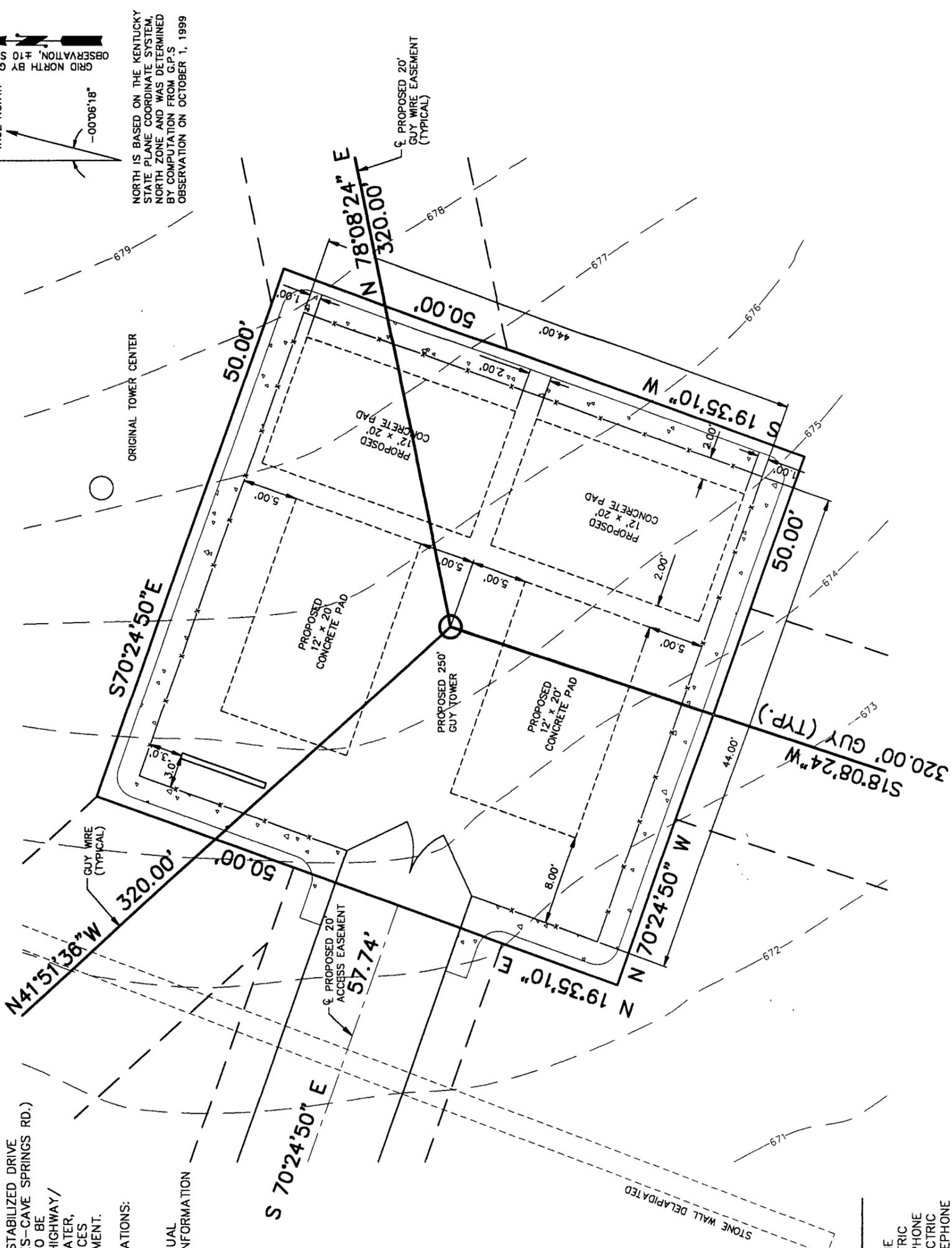
THE TOWER WILL BE ACCESSED BY A PROPOSED STABILIZED DRIVE FROM AN EXISTING ASPHALT ROADWAY (ROWLETTES-CAVE SPRINGS RD.) A PUBLIC RIGHT OF WAY. THE ACCESS ROAD IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL HIGHWAY/DEPARTMENT OF TRANSPORTATION STANDARDS. WATER, SANITARY SEWER, AND WASTE COLLECTIONS SERVICES ARE NOT REQUIRED FOR THE PROPOSED DEVELOPMENT.

CENTERLINE OF EXISTING TOWER GEOGRAPHIC LOCATIONS:
 LATITUDE: 37°14'49.41"N, N 1973140.77
 LONGITUDE: 85°55'13.34"W, E 1590829.75

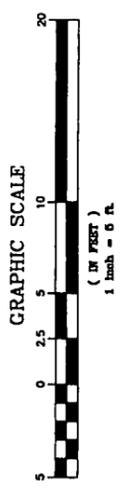
SEE CROWN COMMUNICATIONS CONSTRUCTION MANUAL SECTION LABELED SITE PREPARATION FOR MORE INFORMATION

NOTE:

1. REMOVE ALL VEGETATION & CLEAN AREA W/ LEASE AREA (WHERE REQUIRED)
2. FINISH GRADING TO PROVIDE EFFECTIVE DRAINAGE W/ A SLOPE OF NO LESS THAN ONE EIGHTH (1/8") PER FOOT FLOWING AWAY FROM EQUIP. FOR A MIN. DISTANCE OF SIX FEET (6') IN ALL DIRECTIONS.
3. LOCATE ALL U.G. UTILITIES PRIOR TO ANY CONSTRUCTION
4. FENCED COMPOUND FINISHED SURFACE

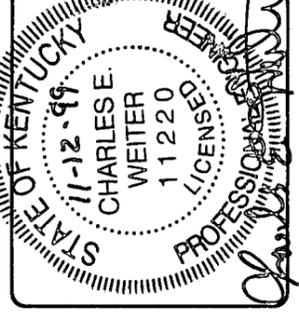


NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM. NORTH ZONE AND WAS DETERMINED BY COMPUTATION FROM G.P.S OBSERVATION ON OCTOBER 1, 1999



CROWN
 COMMUNICATION, INC.
 11001 BLUEGRASS PARKWAY
 SUITE # 330
 LOUISVILLE, KENTUCKY 40299
 (502) 240-0044 PHONE
 (502) 240-0045 FAX

BTA
 BIRCH, TRAUTWEIN & MIMS, INC.
 4124 TAYLORSVILLE ROAD
 LOUISVILLE, KENTUCKY 40220
 (502) 459-8402 PHONE
 (502) 459-8427 FAX



ECHO NUMBER:
 263-110-00A

SITE NAME:
 MUNFORDVILLE

SITE ADDRESS:
 ROWLETTES-CAVE SPRINGS RD.
 MUNFORDVILLE, KY. 42765

AREA:
 LEASE AREA = 2,500 sq. ft.

PROPERTY OWNER:
 MIKE K. STINSON
 ROWLETTES-CAVE SPRINGS RD.
 MUNFORDVILLE, KY. 42765

TAX MAP NUMBER:
 45

PARCEL NUMBER:
 6.01

SOURCE OF TITLE:
 D.B. 230, PG. 524

DRAWN BY:
 DOC

CHECKED BY:
 BJ

NO.	REVISION/ISSUE	DATE
1.	ZONING PLANS	10/11/99
2.	CROWN REVISIONS	10/19/99
3.	REVISE TOWER ELEV.	11/12/99

TITLE:
 SITE LAYOUT

SHEET:
 Z-3

NO.	REVISION/ISSUE	DATE
1.	ZONING PLANS	10/11/99
2.	CROWN REVISIONS	10/19/99
3.	REVISE TOWER ELEV.	11/12/99

TITLE:
EAST / WEST ELEVATIONS

SHEET:
Z-5

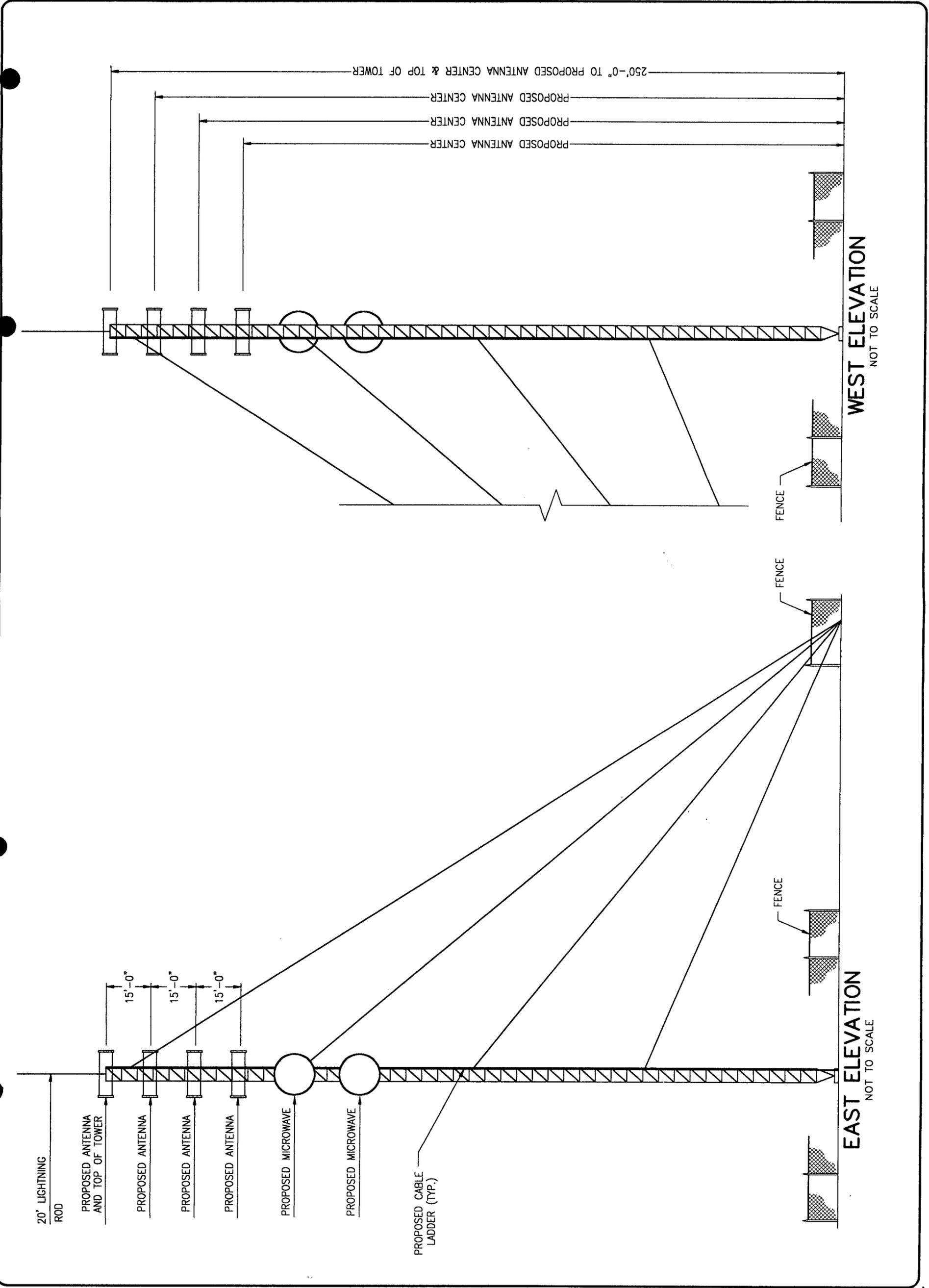
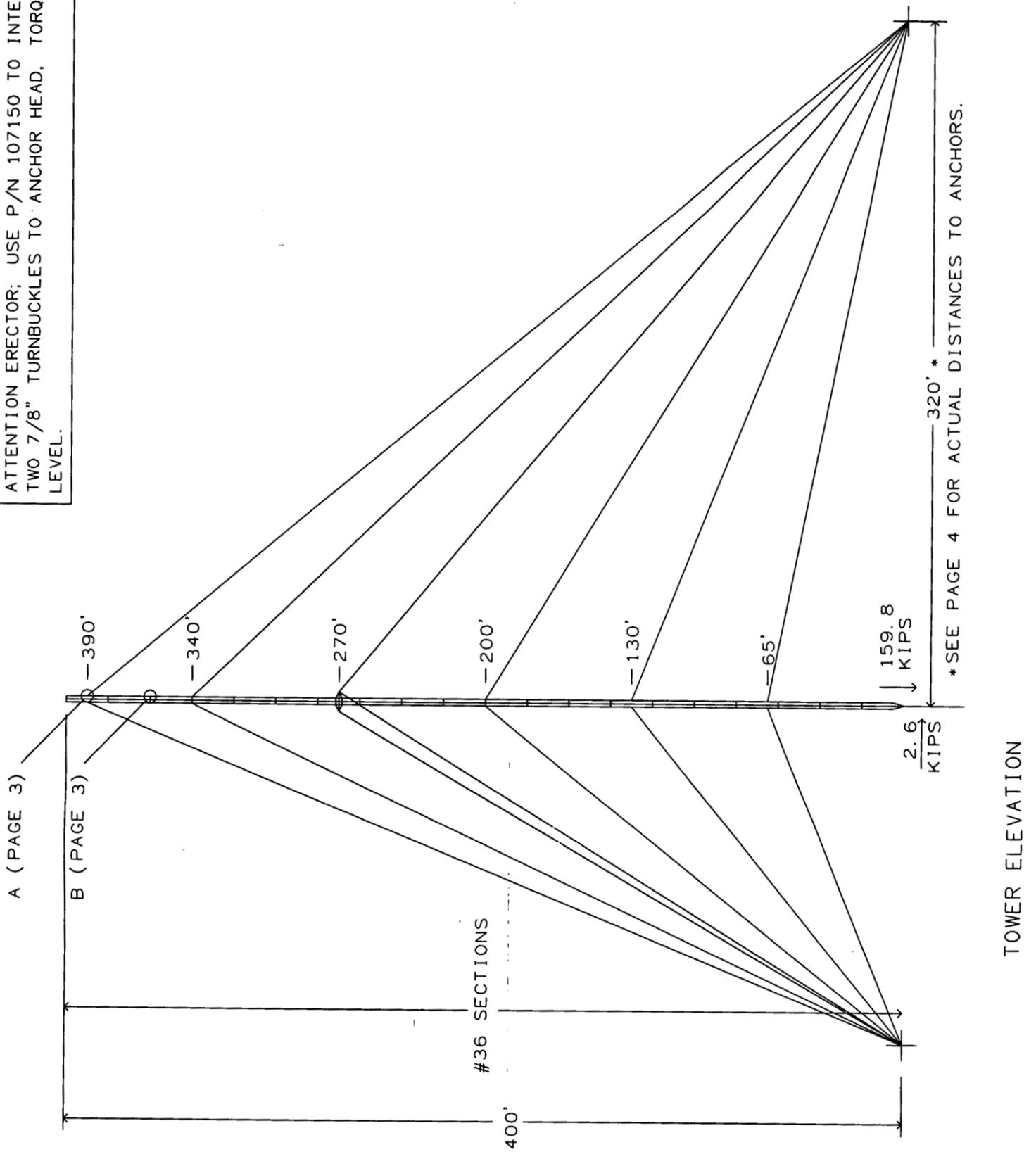


EXHIBIT C
TOWER AND FOUNDATION DESIGN

ATTENTION ERECTOR; USE P/N 107150 TO INTERFACE TWO 7/8" TURNBUCKLES TO ANCHOR HEAD, TORQUE ARM LEVEL.



TOWER ELEVATION



RECEIVED
NOV 2 1999

BY:.....

CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUYED TOWER

REV	DESCRIPTION OF REVISIONS	INI	DATE
B	ADDED ANCHOR HEAD SUPPORT	DMF	11/19/1999
A	ADDED FOUNDATIONS	WBR	11/19/1999

APPROVED/ENG.	WBR	11/19/1999
APPROVED/FOUND.	N/A	
DRAWN BY	TRP	

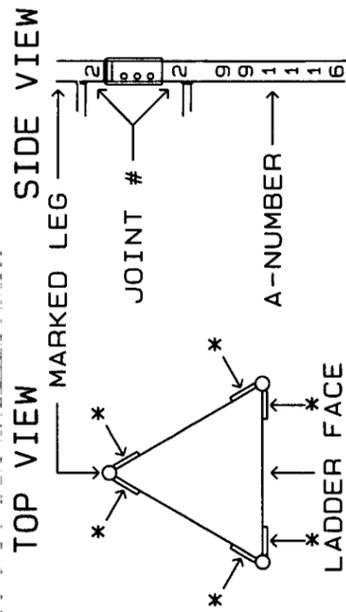


From: 88784.DFT - 11/16/1999 13:41
Printed from: 2057231B.DWG - 11/19/1999 09:56 @ 11/23/1999 10:58

ENG. FILE NO. A-9911167A
ARCHIVE Q-88784

DRAWING NO. 205723-B
PAGE 1 OF 18

SECTION DATA							LEG CONNECTION		
SPAN HEIGHT	SEC#	LEN	LEGS	BRACES	PART#	BOLT DIAM	BOLT LEN	BOLTS /SEC	
380' - 400'	36	20'	1- 1/2 "	5/8 "	108369				
320' - 380'	36	20'	1- 1/2 "	5/8 "	108369	9/16"	3-1/2"	9	
280' - 320'	36	20'	1- 3/4 "	3/4 "	104497	5/8 "	4 "	12	
240' - 280'	36	20'	2 "	3/4 "	104499	5/8 "	4-1/2"	15	
20' - 240'	36	20'	2 "	5/8 "	109273	5/8 "	4-1/2"	15	
0' - 20'	36	20'	2 "		133222	5/8 "	4-1/2"	15	



THE MARKED LEG OF EACH SECTION IS STAMPED WITH THE TOWER SERIAL # AT THE TOP OF EACH SECTION AND THE JOINT # AT EACH END OF THE SECTION. JOINTS ARE NUMBERED CONSECUTIVELY STARTING WITH 1 AT THE TOP OF THE BASE SECTION. ASSEMBLE TOWER WITH MARKED LEGS TOGETHER IN PROPER SEQUENCE.

* INDICATES RELATIVE POSITION OF LINE HANGING BRACKETS P/N 131773 AT NOMINAL 3' VERTICAL SPACING.



NOV 23 1999

CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUYED TOWER

APPROVED/ENG.	WBR	11/19/1999
APPROVED/FOUND	N/A	
DRAWN BY	TRP	

PIROD INC.
1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

ENG. FILE NO. **A-9911167A** DRAWING NO. **205723-B**
ARCHIVE **Q-88784** PAGE **2 OF 18**

GUY HARDWARE DETAIL

HT.	GUY SIZE	TORQ SIZE	LUG PART#	SHCKL SIZE	THMBLE SIZE	TURN-BCKLE	PREFORM	INITIAL TENSION **					
								@ -30° F	@ 0° F	@ 30° F	@ 60° F	@ 90° F	@ 120° F
390'	5/8" EHS.		105062	3/4"	3/4"	1"	BG-2111	5285#	4926#	4572#	4240#	3921#	3629#
340'	5/8" EHS.		105062	3/4"	3/4"	1"	BG-2111	5451#	5026#	4622#	4240#	3871#	3537#
270'	9/16" EHS.	12'	105062	3/4"	5/8"	7/8"	BG-2116	4755#	4311#	3889#	3500#	3135#	2810#
200'	9/16" EHS.		105062	3/4"	5/8"	7/8"	BG-2116	5049#	4499#	3977#	3500#	3069#	2674#
130'	9/16" EHS.		105062	3/4"	5/8"	7/8"	BG-2116	5328#	4680#	4065#	3500#	3003#	2570#
65'	9/16" EHS.		105062	3/4"	5/8"	7/8"	BG-2116	5495#	4782#	4115#	3500#	2967#	2518#

** TENSIONS SHOWN ARE FOR GUY LINE (A). INTERPOLATION IS PERMITTED FOR OTHER TEMPERATURES. TOLERANCE IS +/- 10% OF INITIAL TENSION SHOWN.

GUY LENGTH DATA

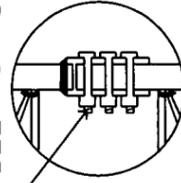
HT.	GUY SIZE	# GUY	THEORETICAL LENGTH ***		
			(A) NORTHEAST	(B) SOUTHWEST	(C) NORTHWEST
390'	5/8" EHS.	3	482.4'	526.4'	536.8'
340'	5/8" EHS.	3	446.2'	487.7'	497.6'
270'	9/16" EHS.	6	400.6'	437.3'	446.2'
200'	9/16" EHS.	3	362.8'	392.9'	400.6'
130'	9/16" EHS.	3	335.6'	356.9'	362.8'
65'	9/16" EHS.	3	322.0'	333.2'	337.1'

*** THEORETICAL LENGTH SHOWN IS NOT THE CUT LENGTH. ADD 5% TO 10% TO VALUE LISTED TO ARRIVE AT CUT LENGTH. QUANTITY OF CABLE SHIPPED IS THEORETICAL LENGTH +10%.

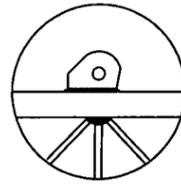


NOV 3 1999

A-325 BOLTS
SEE LEG CONNECT
-TABLE FOR SIZE



VIEW B
TYPICAL LEG
CONNECTION



VIEW A
TYPICAL GUY
CONNECTION LUG

CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUYED TOWER

APPROVED/ENG.	WBR	11/19/1999
APPROVED/FOUND	N/A	
DRAWN BY	TRP	



ENG. FILE NO. A-9911167A DRAWING NO. 205723-B
ARCHIVE Q-88784 PAGE 3 OF 18

NORTHWEST ANCHORS (C)					
ANC #	HORIZ DIST	VERT DIST	HORIZONTAL FORCE	UPLIFT FORCE	DRAWING PAGE
C-1	320'	-41'	85.4 KIPS	71.7 KIPS	PAGE 15

NORTHEAST ANCHORS (A)					
ANC #	HORIZ DIST	VERT DIST	HORIZONTAL FORCE	UPLIFT FORCE	DRAWING PAGE
A-1	320'	29'	87.3 KIPS	55.8 KIPS	PAGE 9

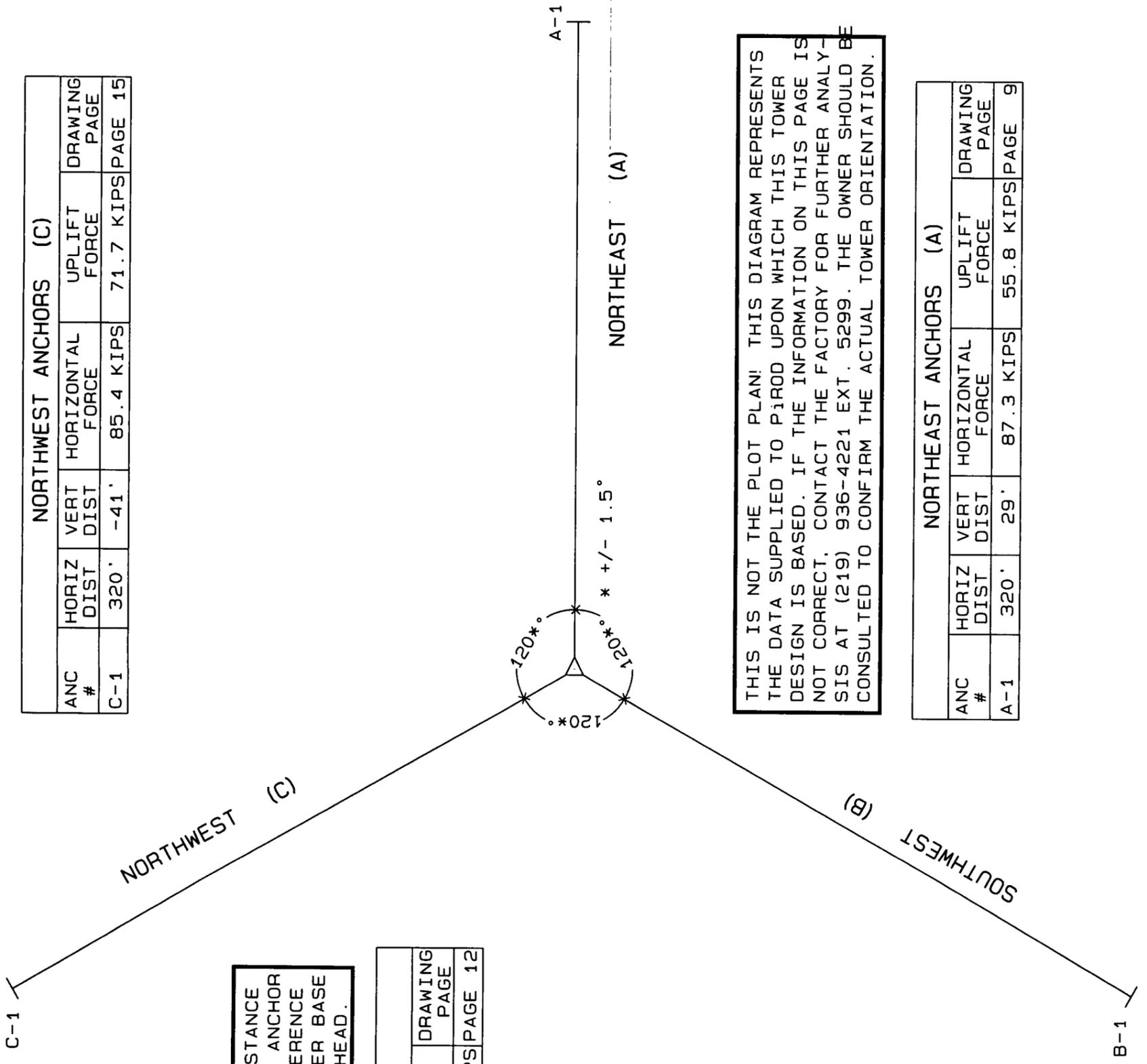
SOUTHWEST ANCHORS (B)					
ANC #	HORIZ DIST	VERT DIST	HORIZONTAL FORCE	UPLIFT FORCE	DRAWING PAGE
B-1	320'	-28'	85.8 KIPS	68.9 KIPS	PAGE 12

NOTE: THE HORIZONTAL DISTANCE IS THE DISTANCE MEASURED FROM THE TOWER BASE PIN TO THE ANCHOR HEAD. THE VERTICAL DISTANCE IS THE DIFFERENCE BETWEEN THE GROUND ELEVATION AT THE TOWER BASE AND THE GROUND ELEVATION AT THE ANCHOR HEAD.

THIS IS NOT THE PLOT PLAN! THIS DIAGRAM REPRESENTS THE DATA SUPPLIED TO PIROD UPON WHICH THIS TOWER DESIGN IS BASED. IF THE INFORMATION ON THIS PAGE IS NOT CORRECT, CONTACT THE FACTORY FOR FURTHER ANALYSIS AT (219) 936-4221 EXT. 5299. THE OWNER SHOULD BE CONSULTED TO CONFIRM THE ACTUAL TOWER ORIENTATION.



NOV 23 1999



A		ADDED FOUNDATIONS		WBR	11/19/1999	CROWN CASTLE USA, INC. MUMFORDVILLE, KY # 36 X 400' GUYED TOWER	1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221
REV	DESCRIPTION OF REVISIONS			INI	DATE		
From: 88784.DFT - 11/19/1999 08:53				DRAWN BY		TRP	ENG. FILE NO. A-9911167A ARCHIVE Q-88784
Printed from: 2057234A.DWG - 11/19/1999 09:57 @ 11/23/1999 10:58\$				DRAWING NO.		205723-B	

GENERAL NOTES

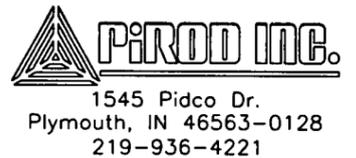
1. TOWER DESIGN CONFORMS TO STANDARD EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH 0.50" RADIAL ICE WITH LOAD DUE TO WIND REDUCED BY 25% WHEN CONSIDERED SIMULTANEOUSLY WITH ICE.
TOWER DESIGN CONFORMS TO STANDARD EIA/TIA-222-F FOR 70 MPH BASIC WIND SPEED WITH NO ICE.
2. MATERIAL: (A) SOLID RODS CONFORM TO ASTM A-572 GRADE 50 REQUIREMENTS.
(B) ANGLES CONFORM TO ASTM A-36 REQUIREMENTS.
(C) PIPE CONFORMS TO ASTM A-53 TYPE E, GRADE B REQUIREMENTS. (MIN YIELD STRENGTH=42 KSI)
(D) ALL STEEL PLATES CONFORM TO ASTM A-36 REQUIREMENTS.
3. FINISH: HOT DIPPED GALVANIZED AFTER FABRICATION.
4. ANTENNAS:
400' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
350' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
300' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
275' - TWO 8' HIGH PERFORMANCE DISHES (6 GHZ) WITH EW63.
250' - TWELVE DB878 ANTENNAS ON THREE T-FRAMES WITH 1 5/8" LINES.
5. MIN. WELDS 5/16" UNLESS OTHERWISE SPECIFIED. ALL WELDING TO CONFORM TO AWS SPECS.
6. ALL BOLTS AND NUTS MUST BE IN PLACE BEFORE THE ADJOINING SECTION(S) ARE INSTALLED.
7. ALL A-325 BOLTS ARE TO BE TIGHTENED TO A SNUG TIGHT CONDITION AS DEFINED BY AISC SPECIFICATION UNLESS OTHERWISE NOTED. A MORE QUANTITATIVE ALTERNATIVE APPROACH TO ACHIEVING A SNUG TIGHT CONDITION IS TO TIGHTEN USING THE TORQUE VALUES FROM DRAWING 123107-A.
8. EIA GROUNDING FOR TOWER.
9. FTB 312 DUAL KIT (351' - 700')
10. ALL TRANSMISSION LINES MUST BE PLACED ON PIROD SUPPLIED TRANSMISSION LINE BRACKETS.



NOV 23 1999

CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUYED TOWER

APPROVED/ENG.	WBR	11/19/1999
APPROVED/FOUND.	N/A	
DRAWN BY	TRP	



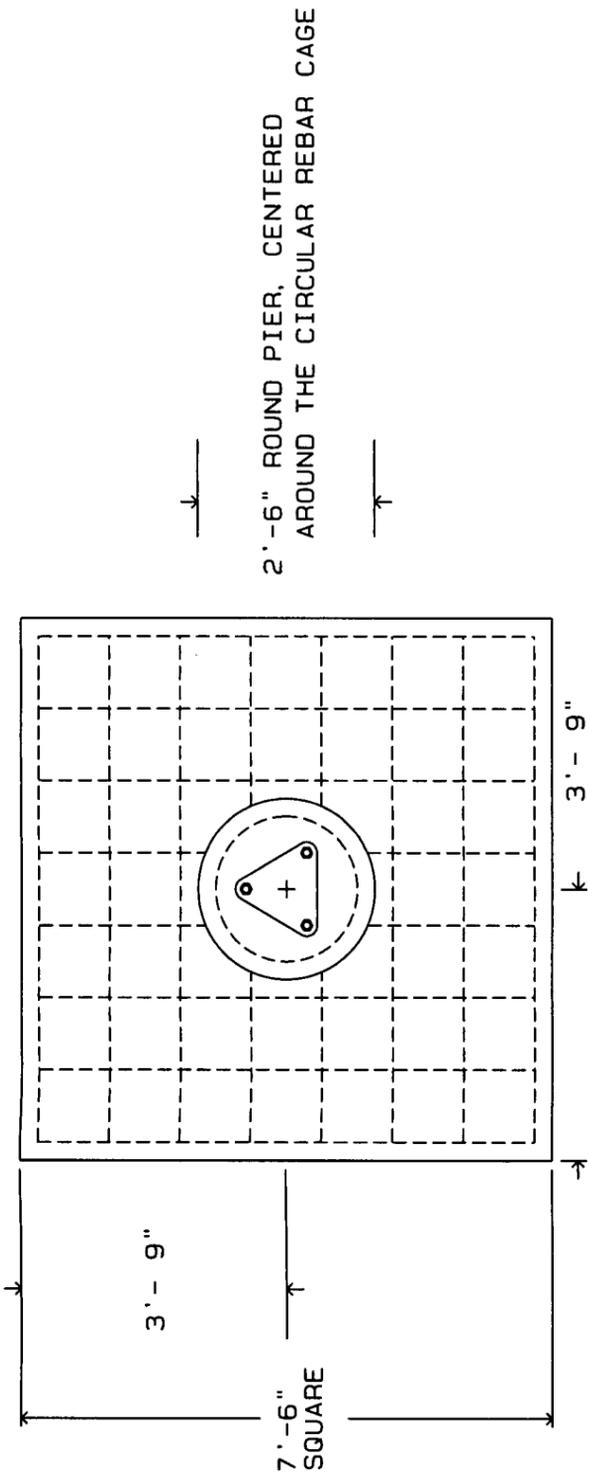
FOUNDATION NOTES

1. SOIL AS PER REPORT BY ATC ASSOCIATES, INC., DATED 10/29/99 (PROJ.# 13000.9114)
2. CONCRETE TO BE 3000 PSI @28 DAYS. REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. CONCRETE INSTALLATION TO CONFORM TO ACI-318 BUILDING REQUIREMENTS FOR REINFORCED CONCRETE. ALL CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH FREE OF WATER AND ALL FOREIGN OBJECTS AND MATERIALS. A MINIMUM OF THREE INCHES OF CONCRETE SHALL COVER ALL REINFORCEMENT. WELDING OF REBAR NOT PERMITTED.
3. ALL FILL SHOULD BE PLACED IN LOOSE LEVEL LIFTS OF NO MORE THAN 8" THICK. FILL MATERIALS SHOULD BE CLEAN AND FREE OF ORGANIC AND FROZEN MATERIALS OR ANY OTHER DELETERIOUS MATERIALS. COMPACT FILL TO 100% OF STANDARD PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698.
4. A COLD JOINT IS PERMISSIBLE, AT THE TOWER BASE ONLY. UPON CONSULTATION WITH PIROD. ALL COLD JOINTS SHALL BE COATED WITH BONDING AGENTS PRIOR TO SECOND POUR.
5. DIFFICULTIES DURING EXCAVATION MAY ARISE DUE TO THE PRESENCE OF SHALLOW LIMESTONE. PNEUMATIC HAMMERS, RIPPERS, AND/OR BLASTING MAY BE REQUIRED TO REMOVE MATERIAL FROM THE EXCAVATION.

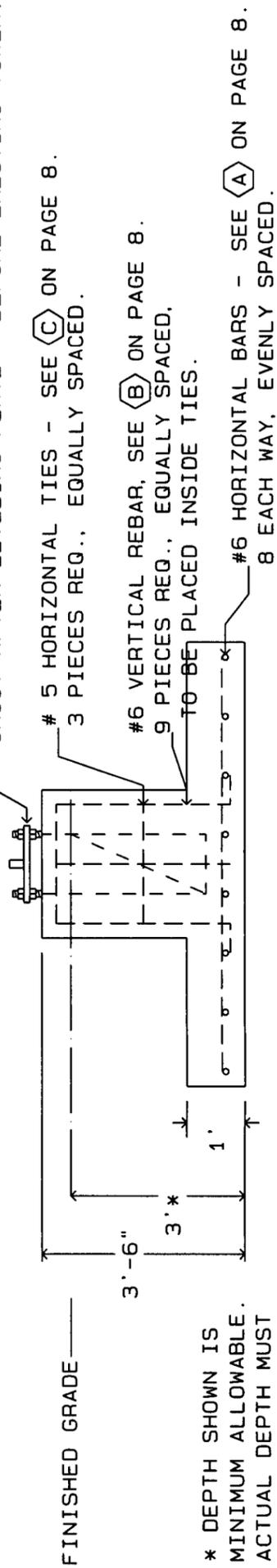


NOV 23 1999

				CROWN CASTLE USA, INC. MUNFORDVILLE, KY # 36 X 400' GUYED TOWER			
				APPROVED/ENG.		WBR	11/19/1999
APPROVED/FOUND		WBR	11/19/1999				
A	ADDED FOUNDATIONS	WBR	11/19/1999				
REV	DESCRIPTION OF REVISIONS	INI	DATE	DRAWN BY	TRP		
From: 88784.DFT - 11/19/1999 08:53				ENG. FILE NO. A-9911167A		DRAWING NO. 205723-B	
Printed from: 2057236A.DWG - 11/19/1999 09:57 @ 11/23/1999 10:58\$				ARCHIVE Q-88784		PAGE 6 OF 18	

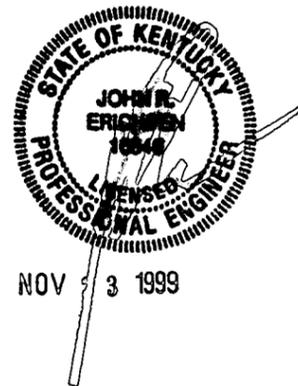


CAGE P/N 107261 CENTERED IN PIER.
 INSTALL WITH 6" OF THREADS EXPOSED.
 FOUNDATION PLATE P/N 107260.
 GROUT AFTER LEVELING PLATE - BEFORE ERECTING TOWER.



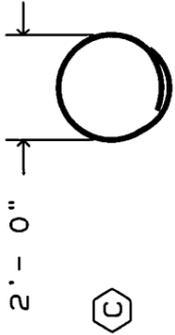
NOTE: ALL REBAR IS EQUALLY SPACED AND REQUIRES MIN. 3" CONCRETE COVER.

TOWER BASE FOUNDATION
 2.5 CU. YDS. CONCRETE REQUIRED

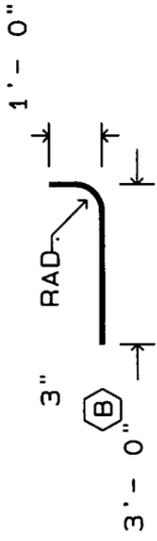


				CROWN CASTLE USA, INC. MUNFORDVILLE, KY # 36 X 400' GUYED TOWER	
APPROVED/ENG.		WBR	11/19/1999	 1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221	
APPROVED/FOUND.		WBR	11/19/1999		
A	ADDED FOUNDATIONS	WBR	11/19/1999	DRAWN BY	TRP
REV	DESCRIPTION OF REVISIONS	INI	DATE	ENG. FILE NO.	A-9911167A
From: 88784.DFT - 11/19/1999 08:53				DRAWING NO.	205723-B
Printed from: 2057237A.DWG - 11/19/1999 09:57 @ 11/23/1999 10:58				PAGE	7 OF 18

#5 REBAR - 3 PIECES REQUIRED TOTAL



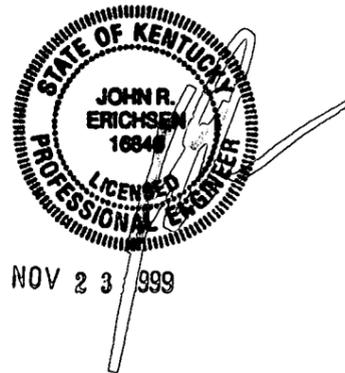
LAP DIMENSION: 1'-8-5/8"
 PLACE REBAR RINGS SO THAT LAPS ON
 ADJACENT RINGS ARE 180 DEGREES APART
 APPROX UNBENT LENGTH = 8'-0-1/8"
 APPROX WT = 8.4# EACH, 25# TOTAL



#6 REBAR - 9 PIECES REQUIRED TOTAL
 APPROX UNBENT LENGTH = 3'-10-3/4"
 APPROX WT = 5.9# EACH, 53# TOTAL



#6 REBAR - 16 PIECES REQUIRED TOTAL
 APPROX WT = 10.5# EACH, 168# TOTAL



TOTAL APPROXIMATE REBAR WEIGHT = 246#
 REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS

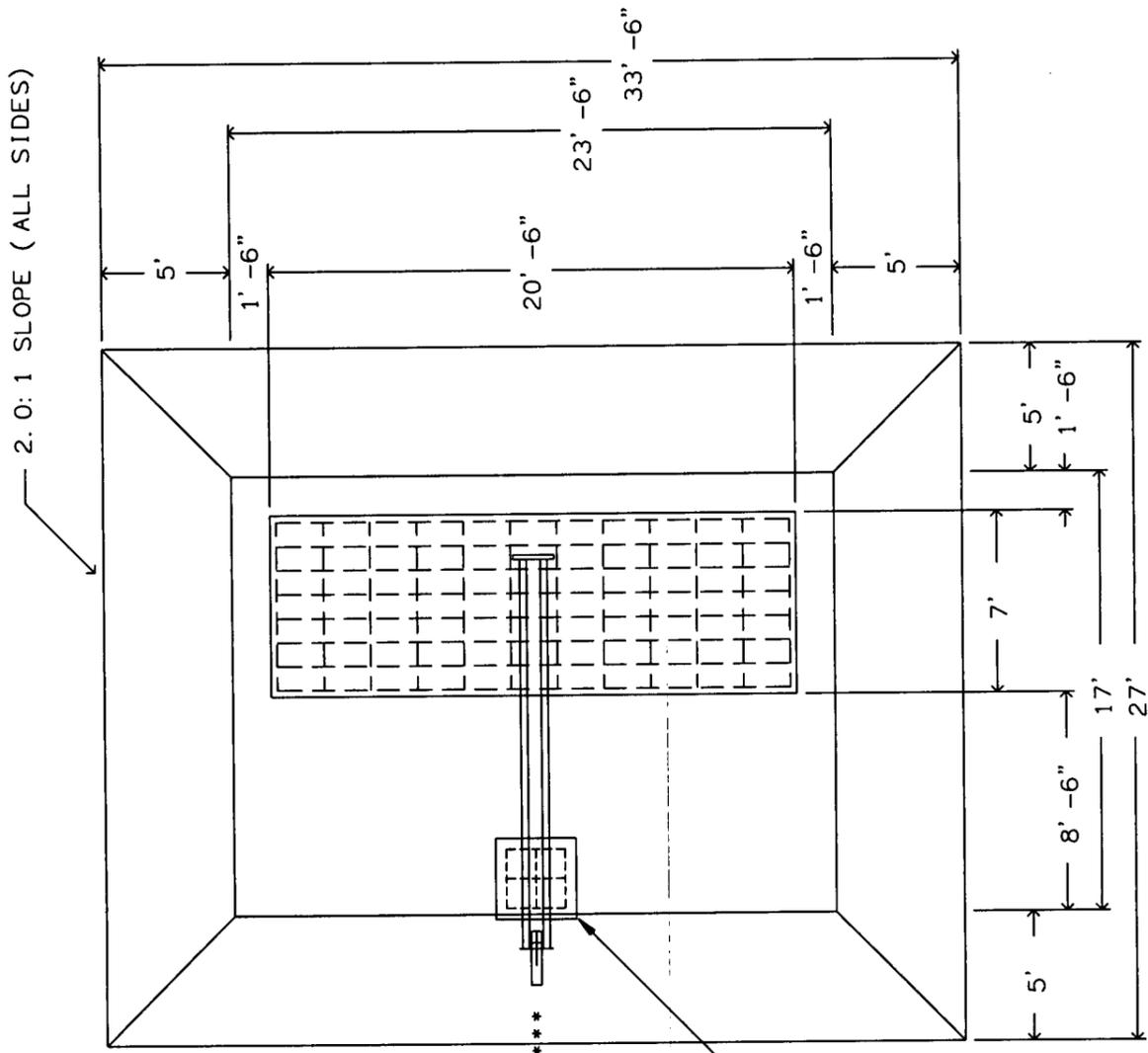
TOWER BASE FOUNDATION
 REBAR DETAIL - NOT TO SCALE

				CROWN CASTLE USA, INC. MUNFORDVILLE, KY # 36 X 400' GUYED TOWER		
				 1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221		
A	ADDED FOUNDATIONS	WBR	11/19/1999	APPROVED/ENG.	WBR	11/19/1999
REV	DESCRIPTION OF REVISIONS	INI	DATE	APPROVED/FOUND	WBR	11/19/1999
From: 88784.DFT - 11/19/1999 08:53				ENG. FILE NO. A-9911167A		DRAWING NO. 205723-B
Printed from: 2057238A.DWG - 11/19/1999 09:57 @ 11/23/1999 10:58\$				ARCHIVE Q-88784		PAGE 8 OF 18

VERTICAL CENTERLINE OF ANCHOR HEAD MUST BE PLUMB +/- 2 DEGREES. ANCHOR RODS MUST BE STRAIGHT. CENTERLINE OF ANCHOR AND RODS MUST BE IN LINE WITH CENTERLINE OF TOWER +/- 1/2 DEGREE (ALL ANCHORS.)

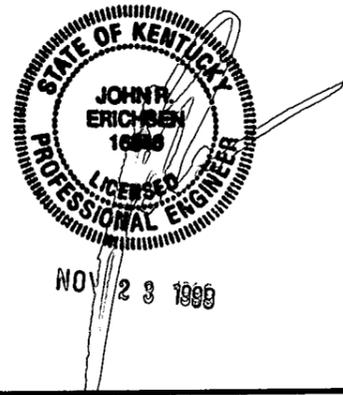
*** SEE PAGE 4 FOR ACTUAL DISTANCE TO TOWER BASE AND RELATIVE HEIGHT.

BERM REQUIRES APPROXIMATELY 58.8 CU. YDS. COMPACTED FILL. SEE PAGE 6 FOR FILL SPECIFICATIONS.

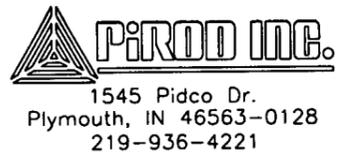


ANCHOR HEAD SUPPORT
(SEE DETAILS ON PAGE 18)

GUY ANCHOR AT LOCATION A-1 ONLY
1 REQUIRED -15.9 CU. YDS. CONCRETE REQUIRED



CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUY ANCHORS



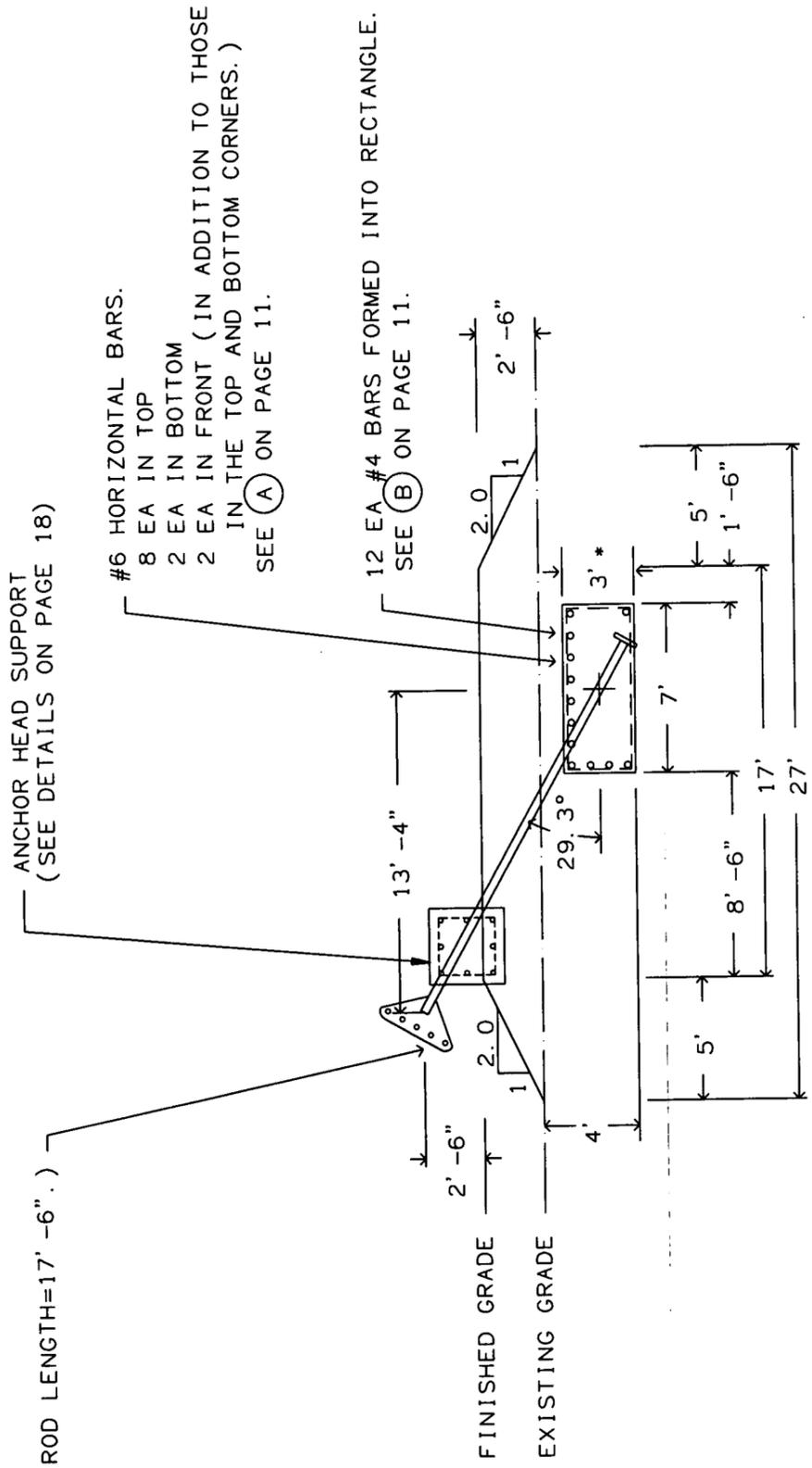
REV	DESCRIPTION OF REVISIONS	INI	DATE
B	ADDED ANCHOR HEAD SUPPORT	DMF	11/19/1999
A	ADDED FOUNDATIONS	WBR	11/19/1999

APPROVED/ENG.	WBR	11/19/1999
APPROVED/FOUND.	WBR	11/19/1999
DRAWN BY	TRP	

From: 88784.DFT - 11/19/1999 08:53
Printed from: 2057239B.DWG * 11/19/1999 12:01 @ 11/23/1999 10:58

ENG. FILE NO. A-9911167A
ARCHIVE Q-88784

DRAWING NO. 205723-B
PAGE 9 OF 18



ANCHOR HEAD SUPPORT
(SEE DETAILS ON PAGE 18)

#6 HORIZONTAL BARS.
8 EA IN TOP
2 EA IN BOTTOM
2 EA IN FRONT (IN ADDITION TO THOSE
IN THE TOP AND BOTTOM CORNERS.)
SEE (A) ON PAGE 11.

12 EA #4 BARS FORMED INTO RECTANGLE.
SEE (B) ON PAGE 11.

P/N 132910 (ROD LENGTH=17'-6".)

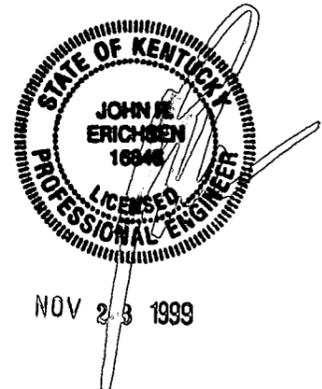
ALL REBAR IS EQUALLY SPACED AND
REQUIRES MIN. 3" CONCRETE COVER.

FOR GUY WIRE INSTALLATION SEE
DRAWING #104834-B.

FOR GUY HARDWARE SIZES SEE TABLE
ON PAGE 3.

* ADDITIONAL CONCRETE THICKNESS
IS NOT PERMITTED.

BERM REQUIRES APPROXIMATELY 58.8 CU. YDS.
COMPACTED FILL. SEE PAGE 6 FOR FILL
SPECIFICATIONS.



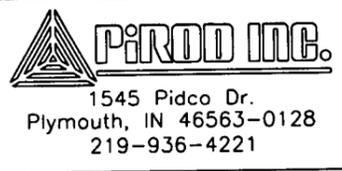
NOV 23 1999

GUY ANCHOR AT LOCATION A-1 ONLY
1 REQUIRED -15.9 CU. YDS. CONCRETE REQUIRED

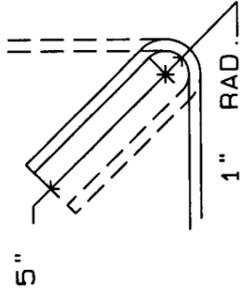
CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUY ANCHORS

REV	DESCRIPTION OF REVISIONS	INI	DATE
B	ADDED ANCHOR HEAD SUPPORT	DMF	11/19/1999
A	ADDED FOUNDATIONS	WBR	11/19/1999

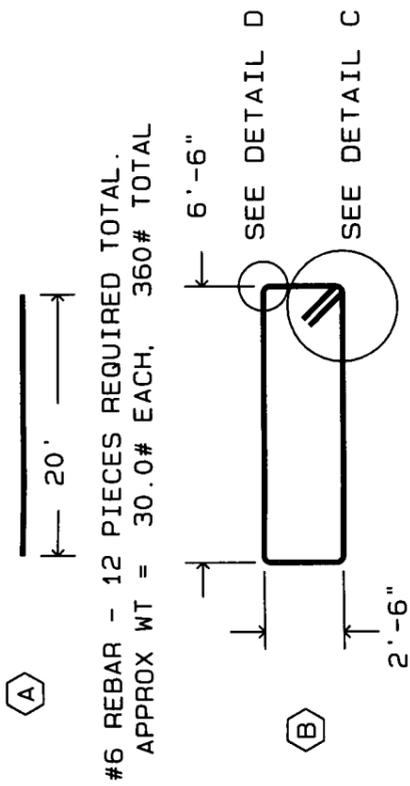
APPROVED/ENG.	WBR	11/19/1999
APPROVED/FOUND.	WBR	11/19/1999
DRAWN BY	TRP	



DETAIL D
TYPICAL 90° BEND



DETAIL C
TYPICAL 135° HOOK



#6 REBAR - 12 PIECES REQUIRED TOTAL.
APPROX WT = 30.0# EACH, 360# TOTAL

#4 REBAR - 12 PIECES REQUIRED TOTAL.
FORMED INTO A RECTANGLE WITH 135° HOOK AT BOTH ENDS
APPROX UNBENT LENGTH = 18' - 7 - 7/8"
APPROX WT = 12.5# EACH, 150# TOTAL

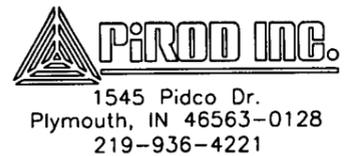
TOTAL APPROXIMATE REBAR WEIGHT = 510#
REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.

GUY ANCHOR AT LOCATION A-1 ONLY
REBAR DETAIL - NOT TO SCALE



CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUY ANCHORS

APPROVED/ENG.	WBR	11/19/1999
APPROVED/FOUND.	WBR	11/19/1999



REV	DESCRIPTION OF REVISIONS	INI	DATE
A	ADDED FOUNDATIONS	WBR	11/19/1999

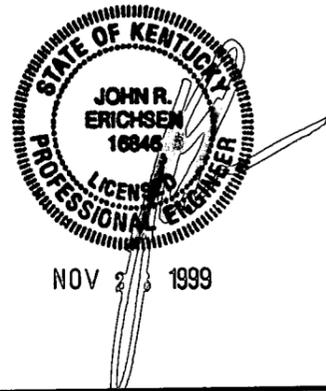
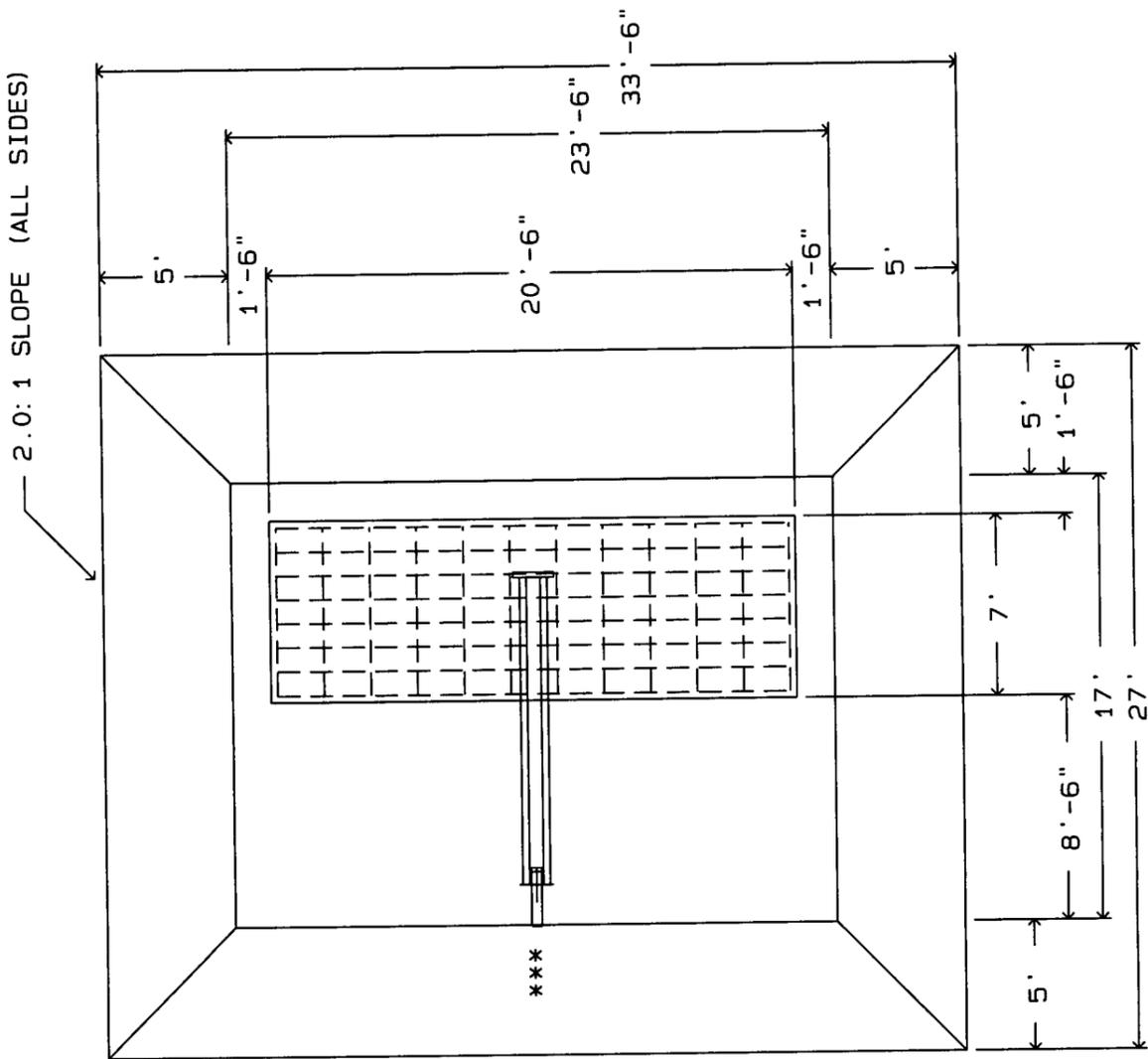
DRAWN BY TRP
ENG. FILE NO. A-9911167A
ARCHIVE G-88784

DRAWING NO. 205723-B
PAGE 11 OF 18

VERTICAL CENTERLINE OF ANCHOR HEAD MUST BE PLUMB +/- 2 DEGREES. ANCHOR RODS MUST BE STRAIGHT. CENTERLINE OF ANCHOR AND RODS MUST BE IN LINE WITH CENTERLINE OF TOWER +/- 1/2 DEGREE (ALL ANCHORS.)

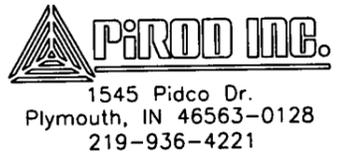
*** SEE PAGE 4 FOR ACTUAL DISTANCE TO TOWER BASE AND RELATIVE HEIGHT.

BERM REQUIRES APPROXIMATELY 58.8 CU. YDS. COMPACTED FILL. SEE PAGE 6 FOR FILL SPECIFICATIONS.



GUY ANCHOR AT LOCATION B-1 ONLY
1 REQUIRED -15.9 CU. YDS. CONCRETE REQUIRED

CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUY ANCHORS

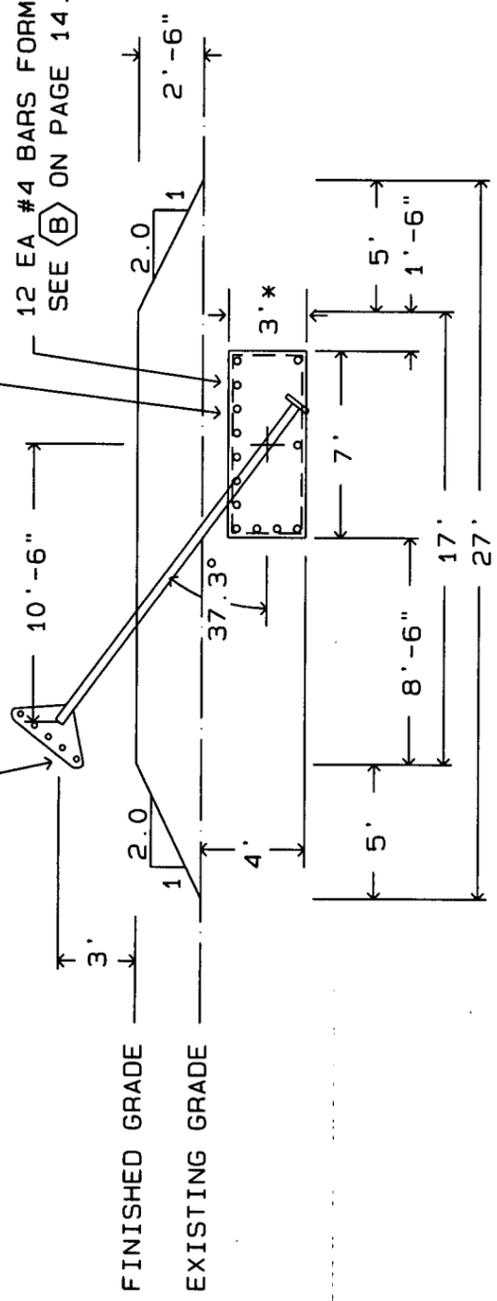


APPROVED/ENG.	WBR	11/19/1999	DRAWING NO. 205723-B
APPROVED/FOUND.	WBR	11/19/1999	
REV A	ADDED FOUNDATIONS	WBR	11/19/1999
REV	DESCRIPTION OF REVISIONS	INI	DATE
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Printed from: 205723CA.DWG - 11/19/1999 09:58 @ 11/23/1999 10:58		ARCHIVE	
ENG. FILE NO. A-9911167A		PAGE 12 OF 18	
Q-88784			

P/N 133818 (ROD LENGTH=15'.)

#6 HORIZONTAL BARS.
 8 EA IN TOP
 3 EA IN BOTTOM
 2 EA IN FRONT (IN ADDITION TO THOSE
 IN THE TOP AND BOTTOM CORNERS.)
 SEE (A) ON PAGE 14.

12 EA #4 BARS FORMED INTO RECTANGLE.
 SEE (B) ON PAGE 14.



ALL REBAR IS EQUALLY SPACED AND
 REQUIRES MIN. 3" CONCRETE COVER.

FOR GUY WIRE INSTALLATION SEE
 DRAWING #104834-B.

FOR GUY HARDWARE SIZES SEE TABLE
 ON PAGE 3.

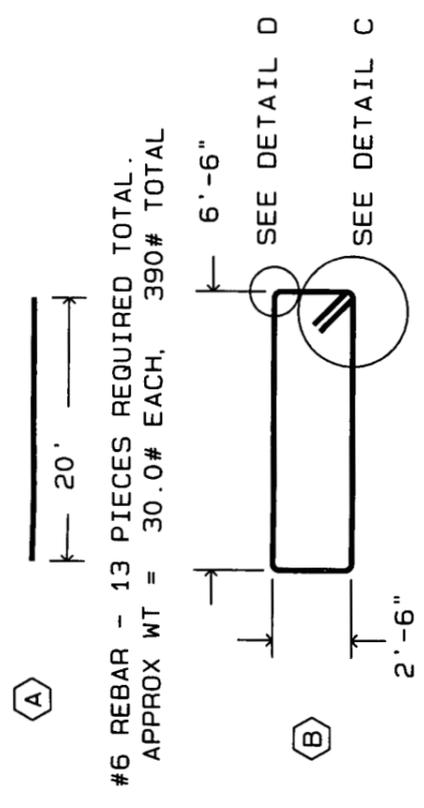
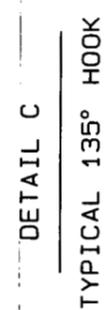
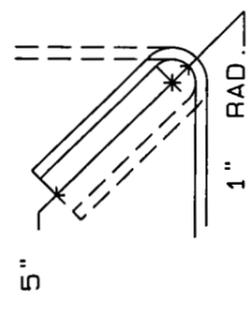
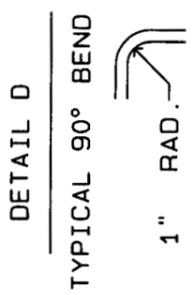
* ADDITIONAL CONCRETE THICKNESS
 IS NOT PERMITTED.

BERM REQUIRES APPROXIMATELY 58.8 CU.YDS.
 COMPACTED FILL. SEE PAGE 6 FOR FILL
 SPECIFICATIONS.



GUY ANCHOR AT LOCATION B-1 ONLY
 1 REQUIRED -15.9 CU. YDS. CONCRETE REQUIRED

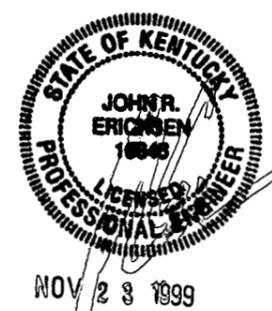
				CROWN CASTLE USA, INC. MUNFORDVILLE, KY # 36 X 400' GUY ANCHORS	
APPROVED/ENG.		WBR	11/19/1999	 1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221	
APPROVED/FOUND		WBR	11/19/1999		
DRAWN BY		TRP			
A	ADDED FOUNDATIONS	WBR	11/19/1999	ENG. FILE NO. A-9911167A	DRAWING NO. 205723-B
REV	DESCRIPTION OF REVISIONS	INI	DATE	ARCHIVE Q-88784	PAGE 13 OF 18
From: 88784.DFT - 11/19/1999 08:53				DRAWING NO. 205723-B	
Printed from: 205723DA.DWG - 11/19/1999 09:58 @ 11/23/1999 10:58				PAGE 13 OF 18	



#4 REBAR - 12 PIECES REQUIRED TOTAL.
FORMED INTO A RECTANGLE WITH 135° HOOK AT BOTH ENDS
APPROX UNBENT LENGTH = 18'-7-7/8"
APPROX WT = 12.5# EACH, 150# TOTAL

TOTAL APPROXIMATE REBAR WEIGHT = 540#
REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.

GUY ANCHOR AT LOCATION B-1 ONLY
REBAR DETAIL - NOT TO SCALE

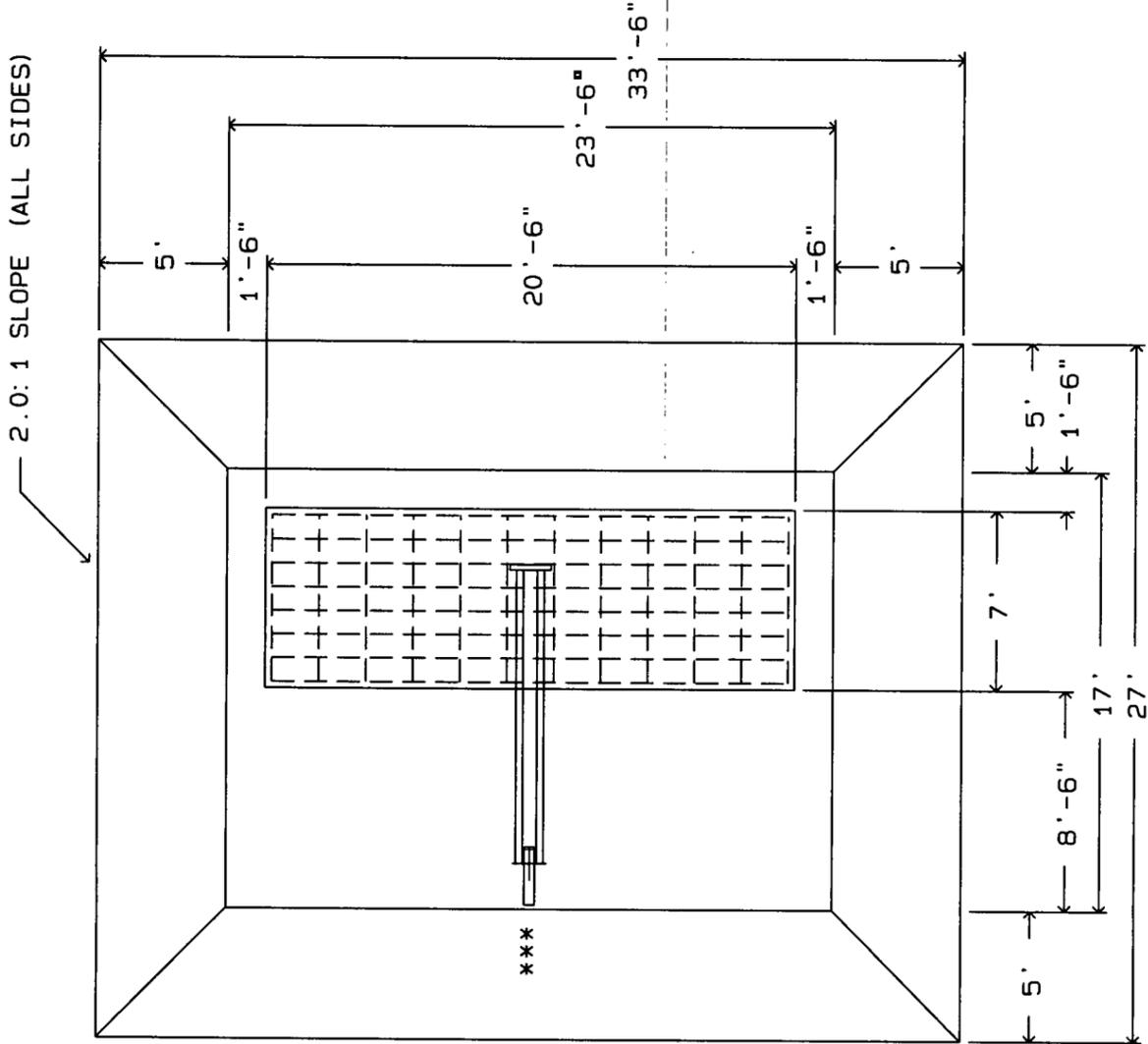


				CROWN CASTLE USA, INC. MUMFORDVILLE, KY # 36 X 400' GUY ANCHORS			
APPROVED/ENG.		WBR	11/19/1999	 1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221			
APPROVED/FOUND		WBR	11/19/1999				
A	ADDED FOUNDATIONS	WBR	11/19/1999				
REV	DESCRIPTION OF REVISIONS	INI	DATE	DRAWN BY	TRP		
From: 88784.DFT - 11/19/1999 08: 53				ENG. FILE NO.	A-9911167A	DRAWING NO.	205723-B
Printed from: 205723EA.DWG - 11/19/1999 09: 58 @ 11/23/1999 10: 58\$				ARCHIVE	Q-88784	PAGE	14 OF 18

VERTICAL CENTERLINE OF ANCHOR HEAD MUST BE PLUMB +/- 2 DEGREES. ANCHOR RODS MUST BE STRAIGHT. CENTERLINE OF ANCHOR AND RODS MUST BE IN LINE WITH CENTERLINE OF TOWER +/- 1/2 DEGREE (ALL ANCHORS.)

*** SEE PAGE 4 FOR ACTUAL DISTANCE TO TOWER BASE AND RELATIVE HEIGHT.

BERM REQUIRES APPROXIMATELY 58.8 CU. YDS. COMPACTED FILL. SEE PAGE 6 FOR FILL SPECIFICATIONS.



NOV 23 1999

GUY ANCHOR AT LOCATION C-1 ONLY
1 REQUIRED -15.9 CU. YDS. CONCRETE REQUIRED

CROWN CASTLE USA, INC.
MUNFORDVILLE, KY
36 X 400' GUY ANCHORS

APPROVED/ENG. WBR 11/19/1999
APPROVED/FOUND. WBR 11/19/1999



1545 Pidco Dr.
Plymouth, IN 46563-0128
219-936-4221

REV	DESCRIPTION OF REVISIONS	INI	DATE
A	ADDED FOUNDATIONS	WBR	11/19/1999

ENG. FILE NO. A-9911167A
ARCHIVE Q-88784

DRAWING NO. 205723-B
PAGE 15 OF 18

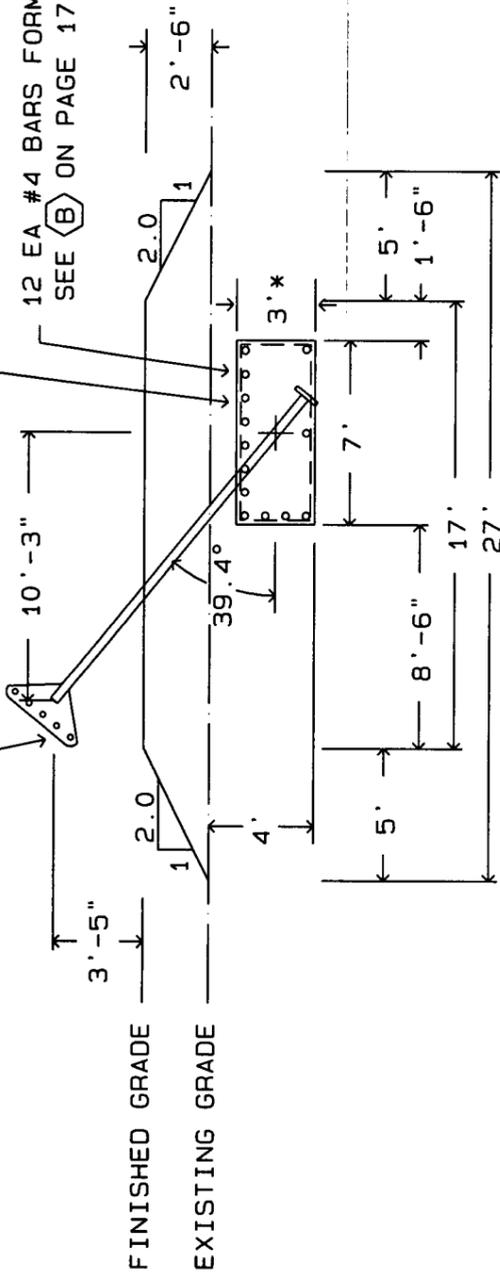
From: 88784.DFT - 11/19/1999 08:53

Printed from: 205723FA.DWG - 11/19/1999 09:58 @ 11/23/1999 10:58

P/N 133818 (ROD LENGTH=15'.)

#6 HORIZONTAL BARS.
 8 EA IN TOP
 3 EA IN BOTTOM
 2 EA IN FRONT (IN ADDITION TO THOSE
 IN THE TOP AND BOTTOM CORNERS.)
 SEE (A) ON PAGE 17.

12 EA #4 BARS FORMED INTO RECTANGLE.
 SEE (B) ON PAGE 17.



ALL REBAR IS EQUALLY SPACED AND
 REQUIRES MIN. 3" CONCRETE COVER.

FOR GUY WIRE INSTALLATION SEE
 DRAWING #104834-B.

FOR GUY HARDWARE SIZES SEE TABLE
 ON PAGE 3.

* ADDITIONAL CONCRETE THICKNESS
 IS NOT PERMITTED.

BERM REQUIRES APPROXIMATELY 58.8 CU.YDS.
 COMPACTED FILL. SEE PAGE 6 FOR FILL
 SPECIFICATIONS.

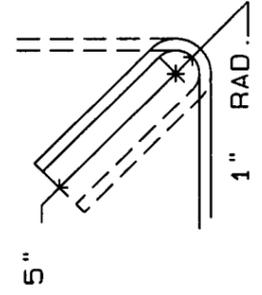


NOV 23 1999

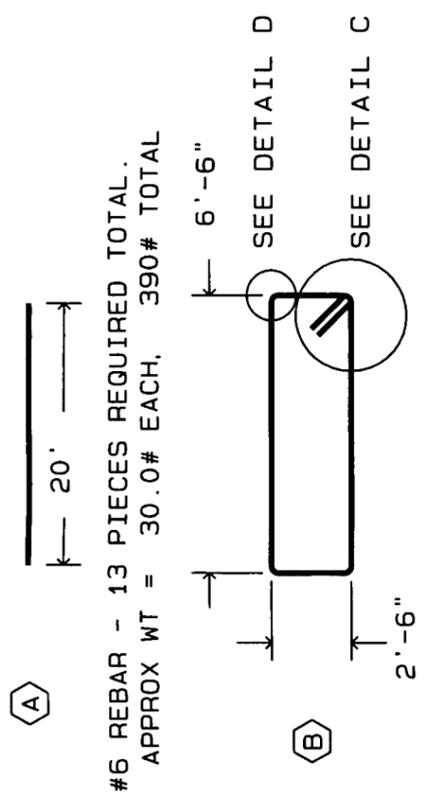
GUY ANCHOR AT LOCATION C-1 ONLY
 1 REQUIRED -15.9 CU. YDS. CONCRETE REQUIRED

				CROWN CASTLE USA, INC. MUNFORDVILLE, KY # 36 X 400' GUY ANCHORS	
				APPROVED/ENG.	WBR 11/19/1999
				APPROVED/FOUND	WBR 11/19/1999
A	ADDED FOUNDATIONS	WBR	11/19/1999	 1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221	
REV	DESCRIPTION OF REVISIONS	INI	DATE		
From: 88784.DFT - 11/19/1999 08:53				ENG. FILE NO.	A-9911167A
Printed from: 205723GA.DWG - 11/19/1999 09:58 @ 11/23/1999 10:58				ARCHIVE	Q-88784
				DRAWING NO.	205723-B
				PAGE	16 OF 18

DETAIL D
TYPICAL 90° BEND



DETAIL C
TYPICAL 135° HOOK



#6 REBAR - 13 PIECES REQUIRED TOTAL.
APPROX WT = 30.0# EACH, 390# TOTAL

#4 REBAR - 12 PIECES REQUIRED TOTAL.
FORMED INTO A RECTANGLE WITH 135° HOOK AT BOTH ENDS
APPROX UNBENT LENGTH = 18' - 7 - 7/8"
APPROX WT = 12.5# EACH, 150# TOTAL

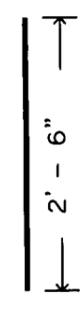
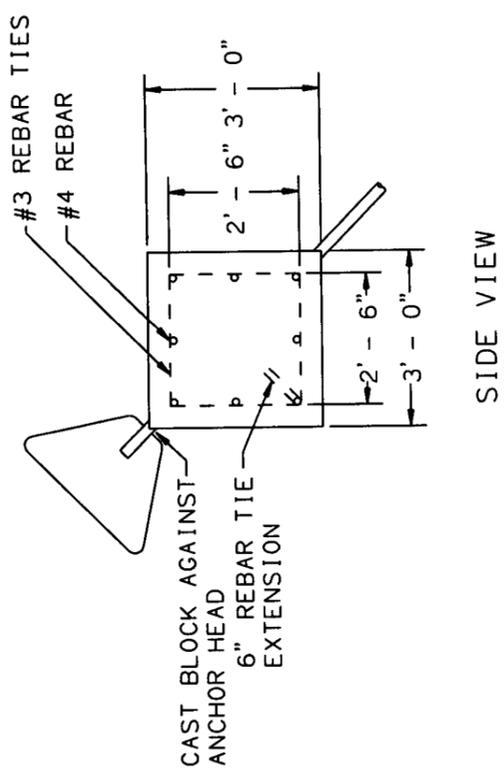
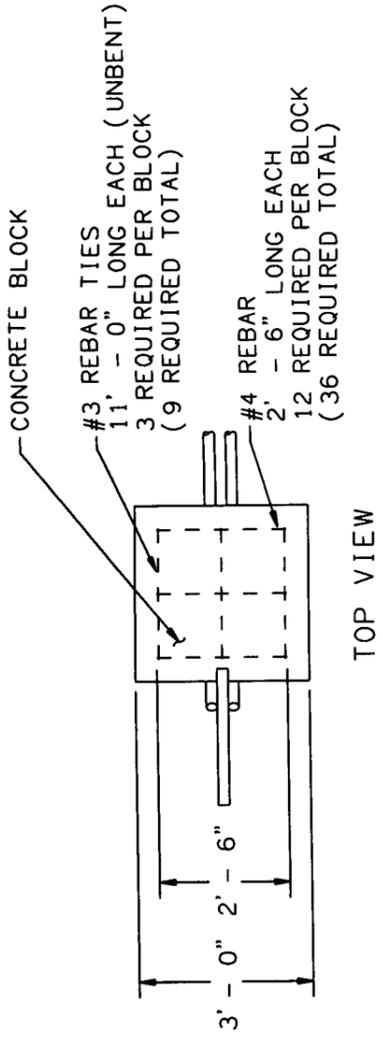
TOTAL APPROXIMATE REBAR WEIGHT = 540#
REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.

GUY ANCHOR AT LOCATION C-1 ONLY
REBAR DETAIL - NOT TO SCALE

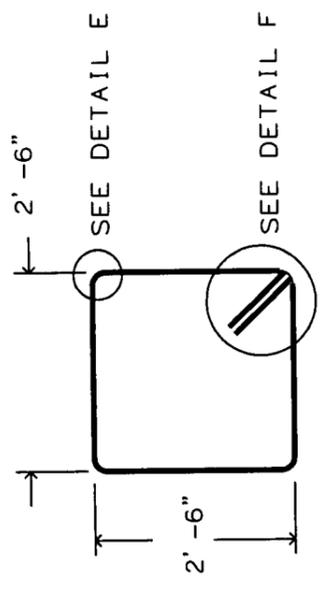


NOV 3 1999

				CROWN CASTLE USA, INC. MUNFORDVILLE, KY # 36 X 400' GUY ANCHORS			
				 1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221			
APPROVED/ENG.	WBR	11/19/1999					
APPROVED/FOUND	WBR	11/19/1999					
A	ADDED FOUNDATIONS	WBR	11/19/1999				
REV	DESCRIPTION OF REVISIONS	INI	DATE	DRAWN BY	TRP		
From: 88784.DFT - 11/19/1999 08:53				ENG. FILE NO.	A-9911167A	DRAWING NO.	205723-B
Printed from: 205723HA.DWG - 11/19/1999 09:58 @ 11/23/1999 10:58				ARCHIVE	Q-88784	PAGE	17 OF 18



#4 REBAR - 36 PIECES REQUIRED TOTAL.
APPROX WT = 1.7# EACH, 61# TOTAL



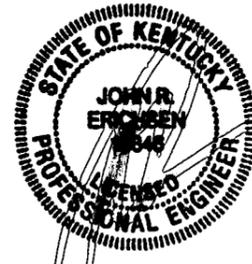
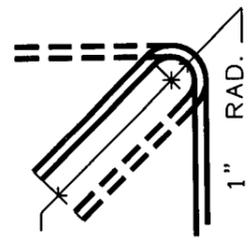
#3 REBAR - 9 PIECES REQUIRED TOTAL.
FORMED INTO A RECTANGLE WITH 135° HOOK AT BOTH ENDS
APPROX UNBENT LENGTH = 11' - 0"
APPROX WT = 4.1# EACH, 37# TOTAL



TYPICAL 90°-BEND
1" RAD.



TYPICAL 135° HOOK
5"



10/23/1999

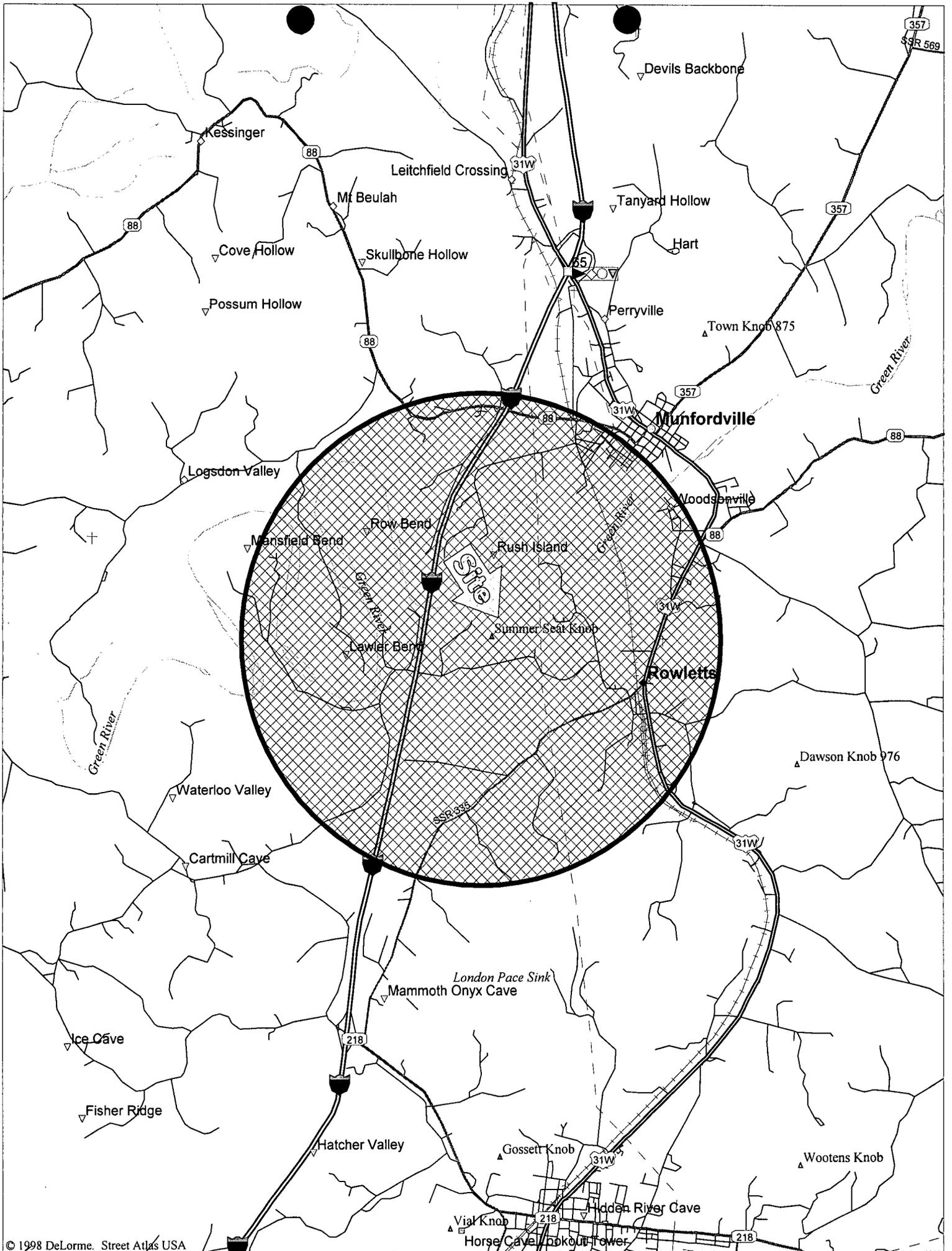
APPROXIMATELY 1.0 CUBIC YARDS OF CONCRETE
REQUIRED PER BLOCK (3.0 CU. YDS. TOTAL).

TOTAL APPROXIMATE REBAR WEIGHT = 98#
REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS.

ANCHOR HEAD SUPPORT AT LOCATION A-1 ONLY
REBAR DETAIL - NOT TO SCALE

				CROWN CASTLE USA, INC. MUNFORDVILLE, KY # 36 X 400' GUY ANCHORS	
APPROVED/ENG.		WBR	11/19/1999	 1545 Pidco Dr. Plymouth, IN 46563-0128 219-936-4221	
APPROVED/FOUND.		WBR	11/19/1999		
DRAWN BY		TRP			
B	ADDED ANCHOR HEAD SUPPORT	DMF	11/19/1999	ENG. FILE NO. A-9911167A	DRAWING NO. 205723-B
REV	DESCRIPTION OF REVISIONS	INI	DATE	ARCHIVE Q-88784	PAGE 18 OF 18
From: 88784.DFT - 11/19/1999 08:53					
Printed from: 205723IB.DWG * 11/19/1999 12:03 @ 11/23/1999 10:58					

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST



Collocation Statement
263-110-00A – Munfordville

TriTel Communications Inc. has stated their need to install antenna's at 400' above ground level in the vicinity of I-65 and Rowletts-Caves Spring Road. The proposed site will improve the digital/portable usage in that area.

There are no current towers within a 2 mile radius of the TriTel search area, according to the data available through the PSC and through our own observation.

**EXHIBIT E
COLLOCATION REPORT**



Failure To Provide All Requested Information May Delay Processing of Your Notice

FOR FAULTY COPY

U.S. Department of Transportation
Federal Aviation Administration

Notice of Proposed Construction or Alteration

1. Sponsor (person, company, etc. proposing this action):
 Attn. of: Christine A Verre
 Name: Crown Communication Inc
 Address: 375 Southpointe Boulevard
 City: Canonsburg State: PA Zip: 15317
 Telephone: (724) 416-2247 Fax: (724) 416-2254

2. Sponsor's Representative (if other than #1):
 Attn. of: _____
 Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Telephone: _____ Fax: _____

3. Notice of: New Construction Alteration Existing

4. Duration: Permanent Temporary (_____ months, _____ days)

5. Work Schedule: Beginning 11/25/1999 End 12/25/1999

6. Type: Antenna Tower Crane Building Power Line
 Landfill Water Tank Other _____

7. Marking/Painting and/or Lighting Preferred:
 Red Lights and Paint Dual - Red and Medium Intensity White
 White - Medium Intensity Dual - Red and High Intensity White
 White - High Intensity Other _____

8. FCC Antenna Structure Registration Number (if applicable):

9. Latitude: 37 ° 14 ' 49.23 "

10. Longitude: 085 ° 55 ' 13.34 "

11. Datum: NAD 83 NAD 27 Other _____

12. Nearest City: Munfordville State: _____

13. Nearest Public-use (not private-use) or Military Airport or Heliport:
GLW GLASGOW MUN!

14. Distance from #13. to Structure: 12.8161 nm

15. Direction from #13. to Structure: 7 degrees

16. Site Elevation (AMSL): _____ 675 ft

17. Total Structure Height (AGL): _____ 425 ft

18. Overall Height (#16. + #17.) (AMSL): _____ 1100 ft

19. Previous FAA Aeronautical Study Number (if applicable):
 _____ - OE

20. Description of Location: (Attach a USGS 7.5 minute Quadrangle Map with the precise site marked and any certified survey.)
 Please see attached U.S.G.S. Quad Map

21. Complete Description of Proposal:
 See Attached

Please use 800558/KY-Munfordville when referencing this site.

Frequency/Power (KW)	
33-54Mhz	100Watts
72-73Mhz	100Watts
144-162Mhz	250Watts
220-222Mhz	100Watts
450-502Mhz	250Watts
800-960Mhz	500Watts
1,500Mhz	500Watts
1,900-2,000	500Watts
5,000-6,500	100Watts
10000-11000	100Watts
18,000Mhz	100Watts
21,000Mhz	100Watts
24,000Mhz	100Watts
38,000Mhz	100Watts
2-18Ghz	80dbm EIRP

Notice is required by 14 Code of Federal Regulations, Part 77 pursuant to 49 U.S.C., Section 44716. Persons who knowingly and willingly violate the notice requirements of part 77 are subject to a civil penalty of \$1,000 per day until the notice is received, pursuant to 49 U.S.C., Section 46301 (a).

I hereby certify that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to mark and/or light the structure in accordance with established marking & lighting standards as necessary.

Date <u>10-25-1999</u>	Typed or Printed Name and Title, of Person Filing Notice <u>Christine A. Verre/Regulatory Administrator</u>	Signature
---------------------------	--	---------------

EXHIBIT G
APPLICATION TO KENTUCKY AIRPORT ZONING COMMISSION

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

FILE COPY

1. NATURE OF PROPOSAL

2. DESCRIPTION OF STRUCTURE

A. TYPE		B. CLASS		C. WORK SCHEDULE	
<input checked="" type="checkbox"/> NEW CONSTRUCTION	<input checked="" type="checkbox"/> PERMANENT	BEGIN	11 25 99	END	12 25 99
<input type="checkbox"/> ALTERATION	<input type="checkbox"/> TEMPORARY				

See attached.

Please use 800558/KY-Munfordville when referencing this proposed site.

3A. APPLICANT - NAME, ADDRESS & TELEPHONE

Christine A. Verre, Regulatory Administrator
 Crown Communications
 375 Southpointe Blvd.
 Canonsburg, PA 15317
 724-416-2247/2258

B. REPRESENTATIVE OF APPLICANT - NAME, ADDRESS & TELEPHONE

4. LOCATION OF STRUCTURE

5. HEIGHT & ELEVATION

A. GEOGRAPHIC COORDINATES (NEAREST SECOND)	B. NEAREST KY CITY Munfordville	C. NEAREST KY AIRPORT GLW: Glasgow Municipal	A. SITE ELEVATION (ABOVE MEAN SEA LEVEL)	675'
LATITUDE 37° 14' 49.23"	(1) DISTANCE TO 4B	(1) DISTANCE TO RUNWAY 12.8161 NM	B. HEIGHT OF STRUCTURE, INCLUDING APPURTENANCES AND LIGHTS (ABOVE GROUND LEVEL)	425'
LONGITUDE 85° 55' 13.34"	(2) DIRECTION TO 4B	(2) DIRECTION TO AIRPORT 7 degrees	C. OVERALL HEIGHT (AMSL) (A+B)	1100'

6. OBSTRUCTION MARKING & LIGHTING	YES	NO
A. MARKED FOR THE PROTECTION OF AIR NAVIGATION (FLAGS, SPHERES, ETC.)	<input type="checkbox"/>	<input type="checkbox"/>
B. OBSTRUCTION MARKED IN ACCORDANCE WITH 602KAR 50:100 (FAA AC 70/7460-1J)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. OBSTRUCTION LIGHTED IN ACCORDANCE WITH 602KAR 50:100 (FAA AC 70/7460-1J)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. HAS "NOTICE OF CONSTRUCTION OR ALTERATION" (FORM 7460-1) BEEN FILED WITH THE FEDERAL AVIATION ADMINISTRATION? YES NO IF SO WHEN? October 25, 1999

8. CERTIFICATION - I HEREBY CERTIFY THAT ALL THE ABOVE STATEMENTS MADE BY ME ARE TRUE, COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

BY CA Verre DATE 10/26/99
 Christine A. Verre, Regulatory Administrator

PENALTIES - PERSONS FAILING TO COMPLY WITH KENTUCKY REVISED STATUTES AND KENTUCKY AIRPORT ZONING COMMISSION ADMINISTRATIVE REGULATIONS ARE LIABLE FOR FINES OR IMPRISONMENT AS SET FORTH IN KRS 183.990(3). NON-COMPLIANCE WITH FEDERAL AVIATION ADMINISTRATION REGULATIONS MAY RESULT IN FURTHER PENALTIES

COMMISSION ACTION	CHAIRMAN, KAZC (OR) ADMINISTRATOR, KAZC
APPROVED _____	DATE _____
DISAPPROVED _____	



**GEOTECHNICAL ENGINEERING STUDY
CROWN COMMUNICATIONS
PROPOSED TOWER KY 263-110-00A
ROWLETTS-CAVE SPRINGS ROAD
MUNFORDVILLE, KENTUCKY
ATC PROJECT NO. 13000.9114**

Prepared For:

*Crown Communications.
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299*

Attention: Mr. George Zaharis



2815 Watterson Trail
Louisville, Kentucky 40299
502.267.8355
Fax 502.267.8528

October 29, 1999

Crown Communications
11001 Bluegrass Parkway, Suite 330
Louisville, Kentucky 40299

Attention: Mr. George Zaharis

Re: Geotechnical Engineering Study
Proposed Munfordville Communications Tower
Rowletts-Cave Springs Road
Munfordville, Kentucky
ATC Project No. 13800.9113

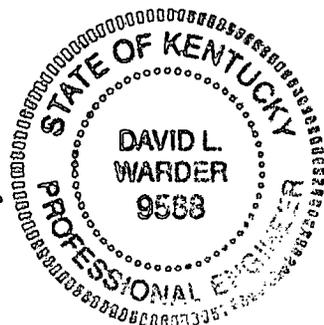
Gentlemen:

Transmitted herewith is our geotechnical engineering report for the referenced project as authorized in accordance with our January 15, 1998 proposal for environmental and geotechnical support services. This report contains our findings, an engineering interpretation of these findings with respect to the available project characteristics, and recommendations to aid design and construction of the tower foundations. We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please contact our office.

Cordially,

ATC Associates Inc.

Michael A. Hightchew, EIT
Staff Engineer



David L. Warder, PE
Regional Geotechnical Engineer

Copies submitted: (4) Mr. George Zaharis; Crown Communications

LETTER OF TRANSMITTAL

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APPENDIX

SITE VICINITY MAP
GEOTECHNICAL BORING LOG
SOIL SAMPLE CLASSIFICATION

GEOTECHNICAL ENGINEERING INVESTIGATION

Proposed Communications Transmission Tower

KY 263-110-00A
Rowletts-Cave Springs Road
Munfordville, Kentucky
ATC Project No. 13000.9114

1. PURPOSE AND SCOPE

The purpose of this study was to determine the general subsurface conditions at the location of the proposed tower by drilling four test borings and to evaluate this data with respect to foundation concept and design for the proposed tower and guy anchors. Also included is an evaluation of the site with respect to potential construction problems and recommendations dealing with quality control during construction.

2. PROJECT CHARACTERISTICS

Crown Communications is planning to construct a guyed communications tower within the Stinson property on Rowletts-Cave Springs Road in Munfordville, Hart County, Kentucky. The proposed tower location is shown on the Boring Location Plan in the Appendix. At the time of our field exploration, the site was partially wooded.

The tower will reportedly be about 400 feet in height and will be supported on a concrete foundation with guy anchors radiating from the tower 120 degrees apart. The guy cables will be secured by concrete dead-weight anchors located approximately 250 feet from the tower center. No foundation design loads have been provided. We assume that the maximum downward load on the tower will not exceed about 200 kips and that the maximum uplift and lateral forces in the

guy anchors will be in the range of 75 to 100 kips/anchor. The development will also include a small equipment building near the base of the tower.

3. SUBSURFACE CONDITIONS

The subsurface conditions were explored by drilling test borings at the proposed tower location and three proposed anchor locations, which were staked in the field by the project surveyor. The Geotechnical Soil Test Boring Logs, which are included in the Appendix, describe the materials and conditions encountered. A sheet defining the terms and symbols used on the boring logs and explaining the Standard Penetration Test (SPT) procedure can also be found in the Appendix. The general subsurface conditions disclosed by the test borings are discussed in the following paragraphs.

According to the United States Geological Survey, Horse Cave, Kentucky geologic quadrangle map, the site is underlain by the St. Genevieve Mississippian age limestone bedrock formations. The soil/bedrock interface associated with these formations tends to be highly irregular and the depth to rock can vary abruptly over short horizontal distances. This formation is prone to dissolution and the subsequent development of karst features such as sinkholes, widened vertical joints and horizontal bedding planes.

About 4 inches of topsoil were encountered at the ground surface at each boring location. The borings then encountered apparently natural clay (CH) of relatively high plasticity to the depths of 3.0 to 4.0 feet. The SPT N-values in the clayey soils ranged from 16 to 47 blows per foot, indicating a very stiff to hard consistency. Pocket penetrometer values used to estimate the unconfined compressive strength of cohesive soil ranged from 3.5 to 6.0 tons per square foot. The anchor borings were terminated at the auger refusal depth of 4.0 feet below ground surface. The tower boring encountered auger refusal at 3 feet below the existing ground surface. A ten foot core

run was made in boring B-1 from 3 to 13 feet below the ground surface and revealed gray weathered limestone that contained clay seams. The recovery ratio on the core run was 45 percent and RQD value was 15 percent.

Groundwater observations made at completion of the soil drilling operations indicated the borings to be dry. It must be noted, however, that short term water readings in clayey soils are not necessarily a reliable indication of the actual groundwater level. Furthermore, it must be emphasized that the groundwater level is generally not stationary, but will fluctuate seasonally.

According to the Seismic Zone Map of the United States, Munfordville, Kentucky is within Zone 1. In this system, Zone 3 is the most seismically active while Zone 0 has the lowest earthquake potential. Considering the subsurface conditions encountered at the site as they relate to Table 16-J in the 1997 Uniform Building Code, the soil-profile type is S_B .

4. FOUNDATION DESIGN RECOMMENDATIONS

The following design recommendations have been developed on the basis of the previously described project characteristics (Section 2.0) and subsurface conditions (Section 3.0). Particular care should be taken during construction to identify any conditions that vary from those described in Section 3.0. This office should be notified if variable conditions are noted, the project description included herein is incorrect, or if the proposed structure location is changed to establish whether revisions to the following recommendations are necessary.

4.1. Tower Foundation

Our findings indicate that the proposed tower can be supported on a spread footing bearing in the hard clay or underlying limestone at or below a depth of 2.5 feet below the existing ground surface. The footing can be designed for a net allowable soil pressure of 5,000 lbs/sq.ft. It is important that the foundation excavation be carefully inspected as described in Section 5.1 to insure that the foundation will bear on suitable material. While foundations bearing on limestone are often designed for a much higher allowable pressure, it would be necessary to remove the portion of the rock that contains clay seams in order to use the higher pressure.

The site is underlain by limestone bedrock that is susceptible to dissolution and the subsequent development of karst features such as voids and sinkholes in the natural soil overburden. Construction in a sinkhole prone area is accompanied by some risk of internal soil erosion and ground subsidence. While it is not possible to investigate or design to completely eliminate the possibility of future sinkhole related problems, compliance with the recommendations set forth in this report can help to reduce this risk. In any event, it is important that the owner understand and accept this risk.

In using net pressures, the weight of the foundation and backfill over the foundation need not be considered; hence, only loads applied at or above the existing ground surface elevation need to be used for dimensioning the foundation. The bottom of the tower foundation should bear at a depth of at least 2.5 feet below the final exterior grade for frost protection.

It is estimated that resulting foundation settlement should not exceed about 0.75 inches. Careful field control will contribute substantially to minimizing the settlements.

4.2. Guy Anchors

The guy anchor blocks must be designed to resist both the uplift and horizontal components of the guy cable forces. The uplift force can be resisted by the dead weight of the anchor block as well as the soil material that is placed over the anchor block. Unless a very high factor of safety is used, only the weight of the soil immediately above and within the perimeter of the anchor block should be used in calculating uplift resistance. A total soil unit weight of 120 lbs/cu. ft. can be used for the backfill material that is placed above the anchor blocks, provided it is compacted as recommended in Section 5.2. Using this procedure, it is recommended that a safety factor of at least 1.2 be used for calculating uplift resistance from an anchor block, provided only the weight of the anchor block and the soil immediately above it are used to resist uplift forces. If additional uplift resistance is needed, rock anchors can be used.

The horizontal component of the guy force is resisted by the "passive" earth pressure that is developed along the face of the anchor block. It is recommended that an allowable passive pressure of 1000 lb./sq.ft. be used for that portion of the anchor block that is below a depth of 2.0 feet. No passive resistance should be included for any portion of the anchor block that is located within the upper 2.0 feet and within the clay zone. The passive pressure may be increased to 5,000 lb./sq.ft. for the portion of the anchor that is within sound limestone bedrock.

4.3. Equipment Building

The equipment building may be supported on shallow, spread footings bearing in the shallow clay soil and designed for a net allowable soil pressure of 3,000 pounds per square foot. The footings should be at least ten inches wide and should bear at a depth of at least 30 inches to

minimize the effects of frost action. Any topsoil, frozen or excessively soft material must be removed beneath footings.

The floor slab for the new equipment building may be subgrade supported on a properly prepared subgrade. The slab should be designed and adequately reinforced to resist the loads proposed. The exposed subgrade should be carefully inspected by probing and testing as needed. Any organic material (topsoil) still in place, frozen or excessively soft soil and other undesirable materials should be removed.

Once the subgrade has been properly prepared and evaluated, fill may be placed to attain desired final grades. Any non-organic, naturally occurring, non-expansive soils can be used for structural fill, including those encountered on this site, pending evaluation by the geotechnical engineer.

All engineered fill should be compacted to a dry density of at least 100 percent of the standard Proctor maximum dry density (ASTM D698). The compaction should be accomplished by placing the fill in about eight inch loose lifts and mechanically compacting each lift to at least the specified density. Field tests should be performed on each lift as necessary to insure that adequate compaction is being achieved.

Surface run-off water should be drained away from the foundation excavations and not allowed to pond. It is recommended that all foundation concrete be placed the same day the excavation is made.

5. GENERAL CONSTRUCTION PROCEDURES AND RECOMMENDATIONS

It is possible that variations in subsurface conditions will be encountered during construction. It is recommended that the geotechnical engineer or a representative be retained to perform continuous inspection and review during construction of the soils-related phases of the work. This will permit correlation between the test boring data and the actual soil conditions encountered during construction.

5.1. Tower Foundation Excavation

The tower foundation excavation should be inspected by the geotechnical engineer or a qualified soils technician to insure that all undesirable material is removed and that the foundation will bear on satisfactory material as decried in Section 4.1. At the time of such inspection, it will be necessary to make hand auger borings or use a hand penetration device in the base of the foundation excavation to insure that the soils below the base are satisfactory for foundation support. The necessary depth of penetration will be established during inspection.

If undercutting is required in order to remove unsuitable materials at the tower foundation location, the foundation bearing elevation may be re-established by backfilling after all undesirable materials have been removed or the foundation can be placed at the lower depth. The undercut excavation beneath the foundation should extend to suitable bearing soils and the dimensions of the excavation base should be determined by imaginary planes extending outward and down on a 2 (vertical) to 1 (horizontal) slope from the base perimeter of the foundation. The entire excavation should than be refilled with a well-compacted granular fill as described in Section 5.2 or lean concrete may be used. Special care should be exercised to remove any

sloughed, loose or soft materials near the base of the excavation slopes with benches as necessary, to insure that no pockets of loose or soft materials will be left in place along the excavation slopes below the foundation bearing level.

Soils exposed in the base of the foundation excavation should be protected against any detrimental changes in conditions such as from disturbance, rain and freezing. Surface run-off water should be drained away from the excavation and not allowed to pond. If possible, all concrete should be placed that same day the excavation is made. If this is not practical, the excavation should be adequately protect.

5.2. Fill Compaction

All engineered fill placed adjacent to and above the tower foundation and guy anchor blocks should be compacted to a dry density of at least 95 percent of the standard Proctor maximum dry density (ASTM D-698). This minimum compaction requirement should be increased to 100 percent for any fill placed below the tower foundation bearing elevation. Any fill placed beneath the tower foundation should be limited to well-graded sand and gravel or crushed stone. The compaction should be accomplished by placing the fill in about 8 inch (or less) loose lifts and mechanically compacting each lift to at least the specified minimum dry density. Field density tests should be performed on each lift as necessary to insure that adequate moisture conditioning and compaction is being achieved.

Compaction by flooding is not considered acceptable. This method will generally not achieve the desired compaction and the large quantities of water will tend to soften the foundation soils.

5.3. Construction Dewatering

No serious dewatering problems are anticipated. At the time of our investigation, the ground water level appeared to be below the anticipated excavation depths. However, depending upon seasonal conditions, some minor seepage into excavations may be experienced. It is anticipated that any such seepage can be handled by conventional dewatering methods such as pumping from sumps.

6. FIELD INVESTIGATION

One boring was drilled at the proposed tower center and one was drilled at each of the three anchor locations, all of which were established in the field by the project surveyor. Split-spoon samples were obtained by the Standard Penetration Test (SPT) procedure (ASTM D1586) in the overburden portion of the test borings. The borings were terminated at auger refusal depths 3.0 to 4.0 feet. The bedrock was cored between depths of 3 and 13 feet in Boring B-1. Representative portions of the soil samples were sealed in glass jars and returned to our laboratory.

The boring logs are included in the Appendix along with a sheet defining the terms and symbols used on the logs and an explanation of the Standard Penetration Test (SPT) procedure. The logs present visual descriptions of the soil strata encountered, Unified System soil classifications, groundwater observations, sampling information, laboratory test results, and other pertinent field data and observations.

7. LABORATORY INVESTIGATION

The split-spoon samples were inspected and visually classified by a geotechnical engineer in general accordance with the Unified Soil Classification System and the field boring log was edited as necessary. To aid in classifying the soil samples and to check the general soil characteristics, pocket penetrometer tests were performed on selected samples. The results of these tests are included on the boring logs.

8. WARRANTY AND LIMITATIONS OF STUDY

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either express or implied. ATC Associates Inc. is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

A geotechnical study is inherently limited since the engineering recommendations are developed from information obtained from a test boring that only depicts subsurface conditions at the specific location, time and depth shown on the log. Soil conditions at other locations may differ from those encountered in the test boring, and the passage of time may cause the soil conditions to change from those described in this report.

The nature and extent of variation and change in the subsurface conditions at the site may not become evident until the course of construction. Construction monitoring by the geotechnical engineer or a representative is therefore considered necessary to verify the subsurface conditions and to check that the soils connected construction phases are properly completed. If significant variations or changes are in evidence, it may then be necessary to reevaluate the recommendations

of this report. Furthermore, if the project characteristics are altered significantly from those discussed in this report, if the project information contained in this report is incorrect, or if additional information becomes available, a review must be made by this office to determine if any modification in the recommendations will be required.

APPENDIX

BORING LOCATION PLAN
GEOTECHNICAL BORING LOG
SOIL SAMPLE CLASSIFICATION



COMMONWEALTH BUSINESS CENTER
 11001 BLUEGRASS PARKWAY
 SUITE 330
 LOUISVILLE, KY. 40299
 OFFICE: (502) 240-0044
 FAX: (502) 240-0045

T. Alan Neal Company



(502) 635-5866
 FAX: 636-3283

Land Survey
 228 Sprague Street
 Louisville, Kentucky 40202

ECHO NUMBER:
 263-110-004

SITE NAME:
 MOUNTFORDVILLE

SITE ADDRESS:
 ROWLETT'S-CAVE SPRINGS ROAD
 MOUNTFORDVILLE, KY 42765

LEASE AREA = 2500 sq. ft.

PROPERTY OWNER:
 MIKE K. STINSON
 ROWLETT'S-CAVE SPRINGS ROAD
 MOUNTFORDVILLE, KY 42765

TAX MAP NUMBER:
 45

PARCEL NUMBER:
 6.01

SOURCE OF TITLE:
 DEED BOOK 230, PAGE 524

DWG BY: LJP
 DATE: 10.01.99

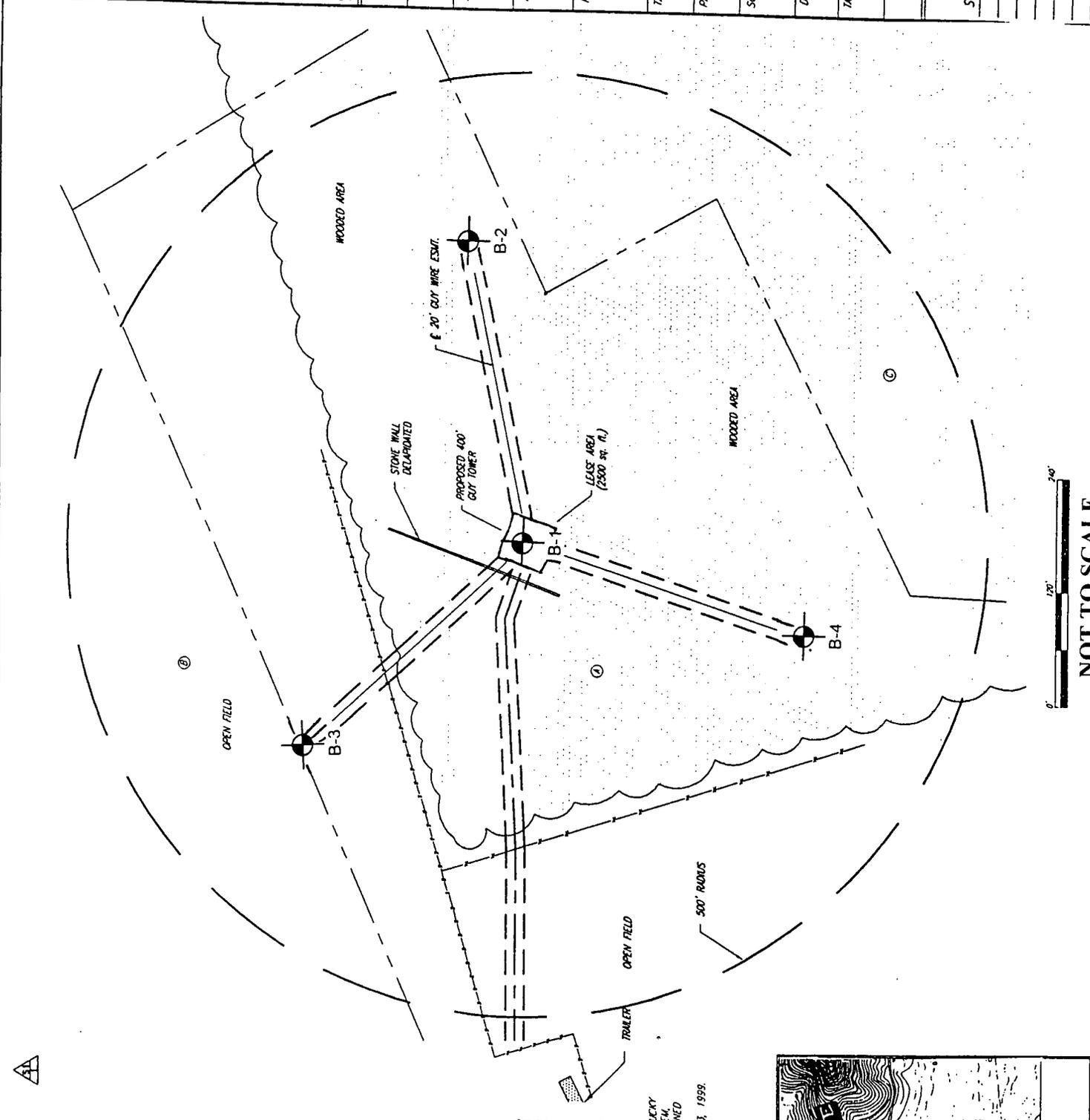
TAN PROJECT NO.:
 T-2700

SHEET 1 OF 1

REVISIONS:

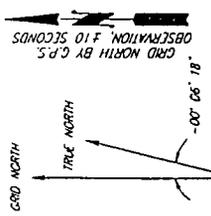
SQUARE FEET OF LEASE AREA
 10,14.99

C1

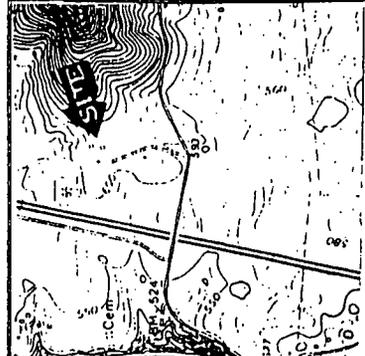


NOT TO SCALE.

	SHEET 1
	VICINITY AND 500' STRUCTURAL MAP
	ABUTTING PROPERTY OWNERS
	U.S.G.S. QUAD MAP
	SHEET 2
	LEASE AREA
	LEGAL DESCRIPTIONS
	FLOOD ZONE DATA



NORTH IS BASED ON THE KENTUCKY STATE PLANE COORDINATE SYSTEM. SOUTH ZONE AND WAS DETERMINED BY COMPARISON FROM C.P.S. OBSERVATION ON SEPTEMBER 23, 1999.



QUAD MAP
 SCALE: 1"=200'

U.S.G.S. 7 1/2" WHITE O.A.D. MAP OF HORSE CREEK, KY.

CLIENT: Crown Communications
PROJECT: Proposed Tower KY 263-110-00A
LOCATION: Rowletts-Cave Springs Road, Munfordville, Kentucky

BORING NUMBER: B-1
PROJECT NUMBER: 13000.9114
PROJECT MANAGER: Mike Hightchew

Surface Elevation:
Date Started: 10/28/99
Date Completed: 10/28/99

Hammer Weight: 140 lbs.
Hammer Drop: 30 in.
Drill Foreman: Jim Wharton

Hole Dia.: 6.5 in.
Boring Method: HSA
Supervisor: Beth Stuber

ELEV	MATERIAL DESCRIPTION	LAYER DEPTH & TYPE	DEPTH SCALE	SAMPLE DATA						NOTES
				NO	BLOWS	TYPE	REC	w,%	PP,tsf	
	Topsoil	0.4		1	12-17-30	SPT	100		4.5	Approximately 4 inches of topsoil
	Clay (CH) - red, hard, rock fragments	3.0		2	50/6	SPT	100		5.5	
	Limestone - gray, hard, moderately weathered with clay seams	5								Auger Refusal at 3 feet below ground surface Rock cored from 3 to 13 feet
	Limestone - gray, hard, slightly weathered with clay seams	8.0		3		RC	45			
	TERMINATED	13.0								Borehole was dry prior to beginning coring operations
			15							
			20							
			25							
			30							
			35							

2815 Watterson Trail
 Louisville, KY 40299

**GEOTECHNICAL
BORING LOG**

 CLIENT: Crown Communications
 PROJECT: Proposed Tower KY 263-110-00A
 LOCATION: Rowletts-Cave Springs Road, Munfordville, Kentucky

 BORING NUMBER: B-2
 PROJECT NUMBER: 13000.9114
 PROJECT MANAGER: Mike Hightchew

 Surface Elevation:
 Date Started: 10/28/99
 Date Completed: 10/28/99

 Hammer Weight: 140 lbs.
 Hammer Drop: 30 in.
 Drill Foreman: Jim Wharton

 Hole Dia.: 6.5 in.
 Boring Method: HSA
 Supervisor: Beth Stuber

ELEV	MATERIAL DESCRIPTION	LAYER DEPTH & TYPE	DEPTH SCALE	SAMPLE DATA					NOTES	
				NO	BLOWS	TYPE	REC	w,%		PP,tsf
	Topsoil	0.4								
	Clay (CH) - red, very stiff			1	12-13-17	SPT	67		3.5	Approximately 4 inches of topsoil
				2	50/3	SPT	50		6.0	
		4.0		3	50/3	SPT	0		---	
	AUGER REFUSAL									Borehole was dry at the completion of boring activities
			5							
			10							
			15							
			20							
			25							
			30							
			35							

GEOTECHNICAL 13000114.GPJ 10/29/99

CLIENT: Crown Communications
PROJECT: Proposed Tower KY 263-110-00A
LOCATION: Rowletts-Cave Springs Road, Munfordville, Kentucky

BORING NUMBER: B-3
PROJECT NUMBER: 13000.9114
PROJECT MANAGER: Mike Hightchew

Surface Elevation:
Date Started: 10/28/99
Date Completed: 10/28/99

Hammer Weight: 140 lbs.
Hammer Drop: 30 in.
Drill Foreman: Jim Wharton

Hole Dia.: 6.5 in.
Boring Method: HSA
Supervisor: Beth Stuber

ELEV	MATERIAL DESCRIPTION	LAYER DEPTH & TYPE	DEPTH SCALE	SAMPLE DATA					NOTES	
				NO	BLOWS	TYPE	REC	w,%		PP,tsf
	Topsoil	0.4								
	Clay (CH) - red, very stiff, with chert fragments			1	9-11-10	SPT	67		6.0	Approximately 4 inches of topsoil
				2	50/6	SPT	67		6.0	
	AUGER REFUSAL	4.0								Borehole was dry at the completion of boring activities
			5							
			10							
			15							
			20							
			25							
			30							
			35							

CLIENT: Crown Communications
PROJECT: Proposed Tower KY 263-110-00A
LOCATION: Rowletts-Cave Springs Road, Munfordville, Kentucky

BORING NUMBER: B-4
PROJECT NUMBER: 13000.9114
PROJECT MANAGER: Mike Hightchew

Surface Elevation:
Date Started: 10/28/99
Date Completed: 10/28/99

Hammer Weight: 140 lbs.
Hammer Drop: 30 in.
Drill Foreman: Jim Wharton

Hole Dia.: 6.5 in.
Boring Method: HSA
Supervisor: Beth Stuber

ELEV	MATERIAL DESCRIPTION	LAYER DEPTH & TYPE	DEPTH SCALE	SAMPLE DATA						NOTES
				NO	BLOWS	TYPE	REC	w,%	PP,tsf	
	Topsoil	0.4	0	1	5-7-9	SPT	67		6.0	Approximately 4 inches of topsoil
	Clay (CH) - red, very stiff, with chert fragments	4.0	0	2	50/6	SPT	67		6.0	
				3	50/1	SPT	0		---	
	AUGER REFUSAL		5							Borehole was dry at the completion of boring activities
			10							
			15							
			20							
			25							
			30							
			35							

GEOTECHNICAL: 13000114.GPJ 10/29/99

SOIL SAMPLE CLASSIFICATION

GRANULAR SOILS

(Silt, Sand, Gravel and Combinations)

Density

Very Loose	- 5 blows/ft. or less
Loose	- 6 to 10 blows/ft.
Medium Dense	- 11 to 30 blows/ft.
Dense	- 31 to 50 blows/ft.
Very Dense	- 51 blows/ft. or more

Particle Size Identification

Boulders	- 8 inch diameter or more
Cobbles	- 3 to 8 inch diameter
Gravel	- Coarse - 1 to 3 inch
	Medium - ½ to 1 inch
	Fine - ¼ to ½ inch
Sand	- Coarse - 2.00 mm to ¼ inch
	- Medium - 0.42 to 2.00 mm
	- Fine - 0.074 to 0.42 mm
	- Silt - 0.002 to 0.074 mm
Clay	- less than 0.002 mm

Relative Proportions Percent

Trace	1 - 10
Little	11 - 20
Some	21 - 35
And	36 - 50

COHESIVE SOILS

(Clay, Silt and Combinations)

Consistency

Very Soft	- 3 blows/ft. or less
Soft	- 4 to 5 blows/ft.
Medium Stiff	- 6 to 10 blows/ft.
Stiff	- 11 to 15 blows/ft.
Very Stiff	- 16 to 30 blows/ft.
Hard	- 31 blows/ft. or more

Plasticity

Degree of Plasticity	Plasticity Index
None to Slight	0 - 4
Slight	5 - 7
Medium	8 - 22
High to Very High	over 22

Classification on logs are made by visual inspection of samples unless otherwise undicated.

Standard Penetration Test - Driving a 2.0" O.D., 1-3/8" I.D. split-spoon sampler a distance of 12 inches into undisturbed soil with a 140 pound hammer free falling a distance of 30 inches. The sample is initially driven 6 inches to penetrate into undisturbed soil, then the test is performed. The number of hammer blows for seating the spoon and making the test are recorded for each 6 inches of penetration on the boring log (Example: 6-8-9). The standard penetration test N-value can be obtained by adding the last two figures (i.e. 8+9=17 blows/ft.). (ASTM D-1586)

Strata Changes - In the column "Material Description" on the boring log, the horizontal lines represent strata changes. A solid line (—) represents an actually observed change. a dashed line (- - -) represents an estimated change.

Ground Water observations were made at the times indicated. Porosity of soil strata, weather conditions, site topography, etc. may cause changes in the water levels indicated on the logs.



ROCK CORE CLASSIFICATION

CONTINUITY

<u>Description</u>	<u>Core Recovery. %</u>
Incompetent	0 - 40
Competent	40 - 70
Fairly Continuous	70 - 90
Continuous	90 - 100

ROCK QUALITY (ROD)

<u>Description</u>	<u>ROD. %</u>
Very Poor	0 - 25
Poor	25 - 50
Fair	50 - 75
Good	75 - 90
Excellent	90 - 100

HARDNESS

<u>Description</u>	<u>Definition</u>
Very Soft	Can be broken with fingers
Soft	Can be scratched with fingernail
Moderately Hard	Only edges can be broken with fingers Can be easily scratched with knife
Hard	Cannot be scratched with fingernail Difficult to scratch with knife
Very Hard	Hard hammer blow to break specimen Cannot be scratched with knife Several hard hammer blows to break specimen

WEATHERING

<u>Description</u>	<u>Definition</u>
Completely	Rock decomposed to soil Rock fabric & structure completely destroyed
Highly	Most minerals are decomposed Texture indistinct but fabric preserved Strength greatly reduced
Moderately	Discoloration throughout and weaker minerals decomposed Texture preserved but strength less than fresh rock
Slightly	Discoloration around open fractures Strength preserved
Fresh	No sign of decomposition or discoloration

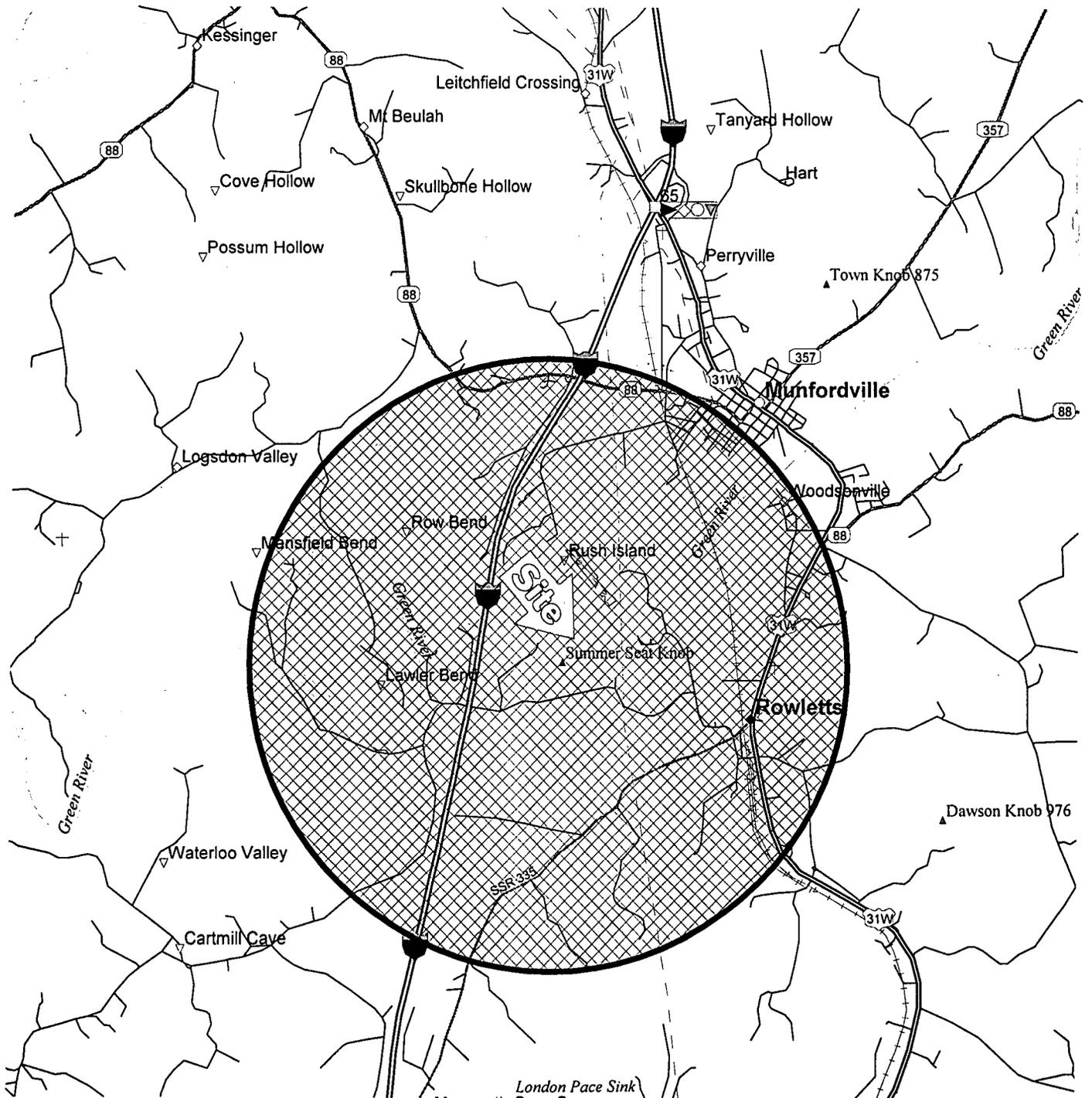
BEDDING

<u>Description</u>	<u>Thickness. inches</u>
Parting	less than 0.3
Band	0.3 - 2.5
Thin Bed	2.5 - 6.0
Medium Bed	6.0 - 12.0
Thick Bed	12.0 - 36.0
Massive	greater than 36



EXHIBIT I
DIRECTIONS TO WCF SITE

CANDIDATE LOCATION MAP



Direction: I-65 South. Get off of Exit 65 (Munfordville Exit). Make a left onto HWY 31W South. Follow 31W South for 4.2 miles. You'll see a red sign that's says "Mamouth Onyx Cave". Take a right at that sign. That will be Hwy 335. Go .02 mile on Hwy. 335 and make a right onto Rowletts-Cave Springs Road. Follow Rowletts-Cave Springs Road (winding road and stay on blacktop) for 2 miles. At the 2 mile point make a right into small gravel road. Follow gravel road to the end. The site is up on Summer Seat Knob on the east side of the trailer home.

Prepared by: George Zaharis – (502) 494-6543

*Proprietary, Restricted & Confidential
Pursuant to Company Instructions*

LEASE AGREEMENT

THIS LEASE AGREEMENT ("Lease") is made this _____ day of _____, 1999, by and between Mike K. Stinson, Owner, having a mailing address of P.O. Box 2043, Cave City, KY 42127 (hereinafter "Lessor") and CROWN COMMUNICATION INC., a Delaware corporation, doing business in Kentucky as CROWN COMMUNICATIONS, with an office address of 375 Southpointe Boulevard, Canonsburg, Pennsylvania, 15317 (hereinafter "Lessee").

WITNESSETH

WHEREAS, Lessor is the owner of certain real property located at Rowletts Cave Springs Road, in Hart County, Kentucky, which Lessor acquired by Deed dated 11/14/96, of record in Deed Book Volume 230, Page 524, in the Office of the Clerk of Hart County, Kentucky ("Property"), which real property is more particularly described on Exhibit "A" attached hereto, and Lessor and Lessee desire to enter into this Lease of a portion thereof.

The terms, covenants and conditions of this Lease are as follows:

1. Description of Leased Property. Lessor does hereby lease to Lessee a portion of the Property described as a 50' X 50' parcel of land [and 10' around all guy anchors] together with a non-exclusive right for ingress and egress seven days per week, twenty-four (24) hours per day, on foot or motor vehicle, including trucks, along a thirty (30) feet wide right-of-way extending from the nearest public right-of-way, together with the right to install, replace and maintain utility wires, poles, cables, conduits and pipes, all of which are generally described in Exhibit "B" which is attached hereto and incorporated herein ("Leased Premises"). The Leased Premises also

includes: (a) Lessee's right to install, maintain and replace the towers guy wires; and, (b) aerial rights over Lessor's property extended from the guy anchor points to the guy attachment points on the tower. Lessor hereby grants to Lessee the right to survey the Leased Premises and said survey may then be initialed by the parties to indicate acceptance thereof, which acceptance shall not be unreasonably withheld, and said survey shall then be attached hereto and incorporated herein as a new Exhibit "B", replacing the original Exhibit "B" and shall control in the event of discrepancies between it and the original Exhibit "B". In the event any public utility is unable or unwilling to use the described right-of-way, Lessor hereby agrees to grant an additional right-of-way either to the Lessee or directly to the public utility at no cost and in a location acceptable to Lessee.

2. Lease Term. This Lease shall be for an initial term of twenty-five (25) years beginning on the date of commencement of construction. This Lease shall automatically be extended for three (3) subsequent twenty-five (25) year terms ("Renewal Terms") unless Lessee terminates it pursuant to the terms set forth herein. The Initial Term and any Renewal Terms shall be collectively referred to as the "Lease Term".

3. Due Diligence Period. Lessee shall pay to Lessor . . .
upon the complete execution of this Lease. Lessee shall have twelve (12) months from the date of complete execution of this Lease within which to analyze the suitability of the Leased Premises for its intended use (the "Due Diligence Period"). Lessee and its agents, engineers, surveyors and other representatives shall have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, and other geological or engineering tests or studies of the Property, to apply for and obtain all licenses and permits required for Lessee's use of the Leased Premises from all applicable governmental or regulatory

entities, and otherwise to do those things on or off the Property that, in the sole opinion of Lessee, are necessary to determine the physical condition of the Property, the environmental history of the Property, Lessor's title to the Property and the feasibility or suitability of the Property for Lessee's use of the property as defined within this Lease, all at Lessee's expense.

Lessee shall not be liable to Lessor or any third party on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Lessee's inspection.

If, upon the expiration of the Due Diligence Period, Lessee has not obtained all the certificates, permits, licenses and other approvals deemed necessary by Lessee within Lessee's sole discretion, including the successful conclusion of all appeals or the termination of any appeal periods (the "Approvals"), to utilize the Leased Premises for Lessee's intended use, Lessee may extend the Due Diligence Period for another Twelve (12) month period upon written notice to Lessor. In consideration of the extension of the Due Diligence Period, Lessee shall pay to Lessor an extension fee in the amount of

If, in the sole and absolute opinion of Lessee, the Leased Premises are not suitable for Lessee's intended use, or Lessee determines that the operation of a communications facility on or within the Leased Premises would not be in Lessee's best interest, Lessee shall have the right at any time prior to the expiration of the Due Diligence Period, or any extension thereof, to terminate this Lease by sending written notice of termination to Lessor. Notwithstanding other provisions in this Lease, this Lease shall automatically terminate upon the expiration of the Due Diligence Period, or any extension thereof, if Lessee has not i) commenced the construction of the proposed wireless communications facility, ii) given Lessor notice of extension of the Due

Diligence Period, or iii) given Lessor written notice of commencement of the Lease term without commencement of construction.

4. Rent. Lessee shall pay to Lessor, the total sum of _____ per year to be paid in equal installments of _____ per month as rent for the Leased Premises ("Base Rent"). Payment shall begin upon the date of commencement of construction by Lessee of Lessee's communications facility on the Leased Premises ("Rent Commencement Date"). Such payment shall be made in advance, without demand therefor, within fifteen (15) days of the Rent Commencement Date and by the tenth of each month thereafter. In the event the Rent Commencement Date starts or this Lease ends on any day other than the first day of the month then the rent will be prorated for the partial months. After the fifth full year from the date of this Lease the Base Rent shall be increased by fifteen percent (15%) over the Base Rent that was in effect during the previous five (5) year period. For every five (5) year period thereafter, the Base Rent shall be increased by fifteen percent (15%) over the previous five (5) year period.

5. Lessee's Right to Terminate. Lessee shall have the unilateral right to terminate this Lease at any time by providing Lessor six (6) months prior written notice. Said termination shall be effective immediately upon the expiration of said six (6) month period.

6. Effect of Termination by Lessee. Upon termination of this Lease by Lessee, this Lease shall become null and void and all of the parties shall have no further obligations except that any monies owed up to date of termination shall be paid within thirty (30) days of the termination date.

7. Surrender of Property. Upon expiration or termination of this Lease, Lessee

shall, within sixty (60) days, remove its building(s), tower, and all above ground fixtures and restore the Leased Premises to its original condition, reasonable wear and tear excepted.

8. **Use of Property and Maintenance.** The Leased Premises and all easements, rights and privileges herein granted shall be used only for the purpose of constructing, maintaining and operating a wireless communications tower and all facilities and uses incidental thereto. It is understood and agreed that Lessee intends to sublease the Leased Premises or license the use of its wireless communications tower and facilities to any number of other parties engaged in the conduct or provision of wireless communications services. Lessee shall place a security fence consisting of chain link or comparable construction around the perimeter of the Leased Premises (excluding the right-of-way easement, although Lessee shall have the right to place a gate across the easement in order to restrict vehicular access to the Lease Premises). All improvements shall be undertaken at the Lessee's sole expense or the expense of its customers, clients or agents. Lessee will maintain the Leased Premises in a reasonable and safe condition. Lessor will take no action that would adversely affect the status of the Leased Premises with respect to the proposed use by Lessee.

9. **Removal of Obstructions.** Lessee has the right to remove obstructions, including but not limited to vegetation, which may encroach upon, interfere with or present a hazard to Lessee's use of the Leased Premises. Lessee shall be responsible for disposing of any materials related to the removal of obstructions.

10. **Hazardous Substances and Materials.** Lessee shall not (either with or without negligence) cause or permit the use, storage, generation, escape, disposal or release of any Hazardous Substances in any manner not sanctioned by law. In all events, Lessee shall indemnify and hold Lessor harmless from any and all claims, damages, fines, judgments, penalties, costs,

liabilities or losses (including, without limitation, any and all sums paid for settlement of claims, attorneys', consultants' and experts' fees) from the presence or release of any Hazardous Substances on the Leased Premises if caused by Lessee or persons acting under Lessee. Lessee shall execute such affidavits, representations and the like from time to time as Lessor may reasonably request concerning Lessee's best knowledge and belief as to the presence of Hazardous Substances on the Leased Premises.

Lessor shall not (either with or without negligence) cause or permit the use, storage, generation, escape, disposal or release of any Hazardous Substances or Hazardous Wastes in any manner not sanctioned by law. In all events, Lessor shall indemnify and hold Lessee harmless from any and all claims, damages, fines, judgments, penalties, costs, liabilities or losses (including, without limitation, any and all sums paid for settlement of claims, attorneys', consultants' and experts' fees) from the presence or release of any Hazardous Substances or Hazardous Wastes on the Property unless caused by Lessee or persons acting under Lessee. Lessor shall execute such affidavits, representations and the like from time to time as Lessee may reasonably request concerning Lessor's best knowledge and belief as to the presence of Hazardous Substances or Hazardous Wastes on the Property.

For purposes of this Lease, the term "Hazardous Substances" shall be as defined in the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. Section 9601, et seq. and any regulations promulgated pursuant thereto, and as used to define "Hazardous Wastes" in the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901, et seq., and any regulations promulgated thereto.

11. **Insurance.** At all times during the Lease Term, Lessee, at its sole expense, shall

obtain and keep in force insurance which may be required by any federal, state or local statute or ordinance of any governmental body having jurisdiction in connection with the operation of Lessee's business upon the Leased Premises.

12. **Waiver of Subrogation.** The parties hereby waive any and all rights of action for negligence against the other which may hereafter arise on account of damage to the Leased Premises resulting from any fire or other casualty of the kind covered by property insurance policies with extended coverage regardless of whether or not, or in what amount, such insurance is now or hereafter carried by the parties, or either of them, but only to the extent that policies providing such insurance permit without prejudice thereto waiver of subrogation or release of others.

13. **Eminent Domain.** If the whole or any part of the Leased Premises is taken by eminent domain or any similar legal power or by purchase in lieu of such taking or condemnation, and as a result thereof the use and enjoyment of the Leased Premises by Lessee is substantially impaired, Lessee will have the option to: (a) declare this Lease null and void and there shall thereafter be no further liability or obligation by either of the parties hereunder; or (b) remain in possession of that portion of the Leased Premises not taken, in which event there shall be an equitable adjustment in rent on account of the portion of the Leased Premises so taken. With either option, Lessee hereby reserves the ability to contest the taking and/or directly proceed to obtain an award, or a portion of the award, allocated to Lessee's interest in the Leased Premises.

14. **Sale of Property.** If, at any time during the Lease Term, Lessor decides to sell all or part of the Property, of which the Leased Premises is a part, to a purchaser other than Lessee, such sale shall be under and subject to this Lease and Lessee's rights hereunder and any sale by

Lessor of the portion of the Leased Premises underlying the right-of-way herein granted shall be under and subject to the right of Lessee in and to said right-of-way.

15. **Recording.** Lessor acknowledges that Lessee intends to record a Memorandum of this Lease with the appropriate recording officer and that Lessor shall execute same promptly upon Lessee's request.

16. **Indemnification and Hold Harmless.** Each party shall indemnify and hold the other harmless against any claim of liability or loss from personal injury or property damage arising from the use and occupancy of the Leased Premises (or the parcel of which the Leased Premises is a part) by the party, its servants or agents, excepting, however, such claims or damages as may be due to or caused by the acts of the other party, or its servants or agents.

17. **Lessor's Covenant of Title.** Lessor covenants that Lessor is seized of good and sufficient title and interest to the Property and has full authority to enter into and execute this Lease. Lessor further covenants that: (a) there are no aspects of title that might interfere with or be adverse to Lessee's interests in and intended use of the Leased Premises; and (b) title shall be such that Lessee will have the ability to obtain title insurance at regular rates.

18. **Interference with Lessee's Business.** Without the prior written consent of Lessee, Lessor covenants to restrict, on the parcel of which the Leased Premises is now a part, the construction, installation or operation of any wireless communications facilities which emit radio frequencies.

19. **Lessor's Estoppel.** Upon Lessee's request in writing, Lessor shall promptly execute, acknowledge and deliver to Lessee an estoppel certificate certifying that (a) this Lease has not been modified or, if modified, stating the nature of such modification and certifying that this Lease, as so modified, is in full force and effect, (b) stating the date to which the Base Rent and other charges are paid in advance, if at all, and (c) acknowledge that there are not, to Lessor's

knowledge, any uncured defaults on the part of either party hereunder, for the benefit of any creditors of Lessee.

20. **Quiet Enjoyment.** Lessor covenants that Lessee, on paying the Base Rent and performing covenants, shall peaceably and quietly have, hold and enjoy the Leased Premises.

21. **Mortgages.** At Lessor's option, this Lease shall be subordinate to any mortgage by Lessor which may now or hereafter affect all of the Property including the Leased Premises, provided that any such mortgage shall recognize the validity of this Lease in the event of foreclosure of Lessor's interest and also recognize Lessee's right to remain in possession and have access to the Leased Premises. In the event that the Leased Premises is encumbered by a mortgage, Lessor shall obtain and furnish to Lessee a nondisturbance agreement for each such mortgage in recordable form. Lessee shall execute whatever instruments may reasonably be required to evidence this subordination clause.

22. **Default.** In the event there is a default by Lessee with respect to any of the provisions of this Lease or its obligations under it, including the payment of the Base Rent, Lessor shall give Lessee written notice of such default. After receipt of such written notice, Lessee shall have fifteen (15) days in which to cure any monetary default and thirty (30) days in which to cure any non-monetary default, provided Lessee shall have such extended period as may be required beyond the thirty (30) days if the nature of the cure is such that it reasonably requires more than thirty (30) days to cure and Lessee commences the cure within the thirty (30) day period and thereafter continuously and diligently pursues the cure to completion. Lessor may not maintain any action or effect any remedies for default against Lessee unless and until Lessee has failed to cure the same within the time periods provided in this paragraph.

23. **Entire Agreement.** It is agreed and understood that this Lease contains all of the agreements, promises and understandings between Lessor and Lessee and that no verbal or oral

agreements, promises or understandings shall be binding upon either Lessor or Lessee in any dispute, controversy or proceeding at law and any addition, variation or modification to this Lease shall be void and ineffective unless made in writing and signed by the parties hereto.

24. Construction of Document. Lessor and Lessee acknowledge that this document shall not be construed in favor of or against the drafter and that this document shall not be construed as an offer until such time as it is executed by one of the parties and then tendered to the other party.

25. Applicable Law. This Lease and the performance thereof shall be governed, interpreted, construed and regulated by the laws of the Commonwealth of Kentucky.

26. Notices. All notices hereunder shall be in writing and shall be given by (a) established express delivery service which maintains delivery records, (b) hand delivery, or (c) certified or registered mail, postage prepaid, return receipt requested. Notices may also be given by facsimile transmission, provided that the notice is concurrently given by one of the above methods. Notices are effective upon receipt, or upon attempted delivery if delivery is refused or if delivery is impossible because of failure to provide reasonable means for accomplishing delivery. The notices shall be sent to the parties at the following addresses:

Mike K. Stinson
P.O. Box 2043
Cave City, KY 42127

Crown Communication Inc.
375 Southpointe Blvd.
Canonsburg, PA 15317
Attn: Legal Department
Fax: (724) 416 - 2200

With a copy to:
Crown Communication Inc.
11001 Bluegrass Parkway, Suite 330
Louisville, KY 40299
Attn: Property Management

27. **Assignment and Sublease.** Lessee has the right, within its sole discretion, to assign and sublease this Lease and any assignment or sublease of said Lease shall be binding upon the successors, assigns, heirs and legal representatives of the respective parties hereto. Assignment of this Lease shall be effective upon Lessee sending written notice to Lessor at Lessor's mailing address stated above and shall relieve Lessee from any further liability or obligation accruing hereunder.

Additionally, Lessee may, upon notice to Lessor, mortgage or grant a security interest in this Lease and Lessee's equipment, and may assign this Lease and such equipment to any such mortgagees or holders of security interests including their successors or assigns (hereinafter collectively referred to as "Mortgagees"). In such event, Lessor shall execute such consent to leasehold financing as may reasonably be required by Mortgagees. Lessor agrees to notify Lessee and Lessee's Mortgagees simultaneously of any default by Lessee and to give Mortgagees the same right to cure any default as Lessee except that the cure period for any Mortgagee shall not be less than ten (10) days after receipt of the default notice.

28. **Partial Invalidity.** If any provision of this Lease is found to be void or invalid, then such invalidity shall not affect the remaining provisions of this Lease, which shall continue in full force and effect.

29. **Successors and Assigns.** Except as otherwise provided herein, this Lease shall extend to and bind the heirs, personal representatives, successors and assigns of the parties hereto.

30. **Taxes.** Any taxes, including, but not limited to, real estate and personal property taxes, assessed on the Leased Premises shall be paid by the Lessor, provided that Lessee shall pay any taxes levied on Lessee's personal property located or installed on the Leased Premises and further provided that Lessee shall pay that portion of any real property taxes directly attributable to the improvements constructed by Lessee. Lessee reserves the right to challenge any such

assessment at Lessee's expense and Lessor agrees to cooperate with Lessee in connection with any such challenge.

31. Right of First Offer. Lessee Shall have Right of First Offer (ROFO) to purchase the Leased Premises. Prior to offering the Leased Premises for sale to a third party, Lessor shall give to Lessee the ROFO by written notice to purchase said Leased Premises. Lessee shall have thirty (30) business days upon receipt of Lessor's notice to accept or waive the ROFO. In the event the Lessor declines or fails to accept the ROFO, Lessor may offer the property for sale to any third Party, provided that in the event a sale of such property is not closed within six (6) months of the date of written notice of the ROFO, (or any subsequent ROFO) the ROFO shall be revived and Lessee shall have continuing ROFO rights for the remaining portion of the Lease term, or until the ROFO is thereafter accepted or waived as provided herein. In the event Lessee accepts the ROFO, the property shall be sold pursuant to the following terms and conditions:

- a. The purchase price for the Leased Premises shall be [REDACTED] less the total sum of any taxes, assessments or other amounts to be paid by Lessor, to be paid upon the execution and delivery of the Deed for the Leased Premises as provided hereafter.
- b. The title to the Leased Premises to be transferred and conveyed to Lessee shall be a good and marketable title in fee simple such as any title company selected by Lessee will insure at regular rates and be free and clear of all tenancies, liens, encroachments or encumbrances whatsoever.
- c. Within sixty (60) days after the exercise of the ROFO by Lessee, the purchase and sale contemplated herein shall be closed by Lessee paying to Lessor the amount set forth above and by Lessor executing and delivering to Lessee a General Warranty Deed.

IN WITNESS WHEREOF, Lessor and Lessee having read the foregoing and intending to be legally bound hereby, have executed this Lease as of the day and year first written above.

"LESSOR"

Michael K Steinson
(Name)

Social Security/Tax ID No.: 407-08-2878

"LESSEE"

CROWN COMMUNICATION INC., a Delaware corporation

By: _____
John Binkley
Vice President and General Manager

COMMONWEALTH OF KENTUCKY)
)
COUNTY OF Hart)

The foregoing instrument was subscribed to, sworn before me, and acknowledged before me by Michael K Stinson on this the 21 day of September, 1999.

Vickie J Spradlin
Notary Public
My Commission Expires: 02-10-02

COMMONWEALTH OF KENTUCKY)
)
COUNTY OF JEFFERSON)

CORPORATE ACKNOWLEDGMENT

On this ___ day of _____ 1999, before me, the subscriber, a Notary Public, in and for the Commonwealth of Pennsylvania, personally appeared John Binkley, Vice President and General Manager of **CROWN COMMUNICATION INC.**, a Delaware corporation, and in due form of law acknowledged that he is authorized on behalf of said corporation to execute all documents pertaining hereto and acknowledged to me that he executed the same as his voluntary act and deed on behalf of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal in said County and Commonwealth of the day and year last above written.

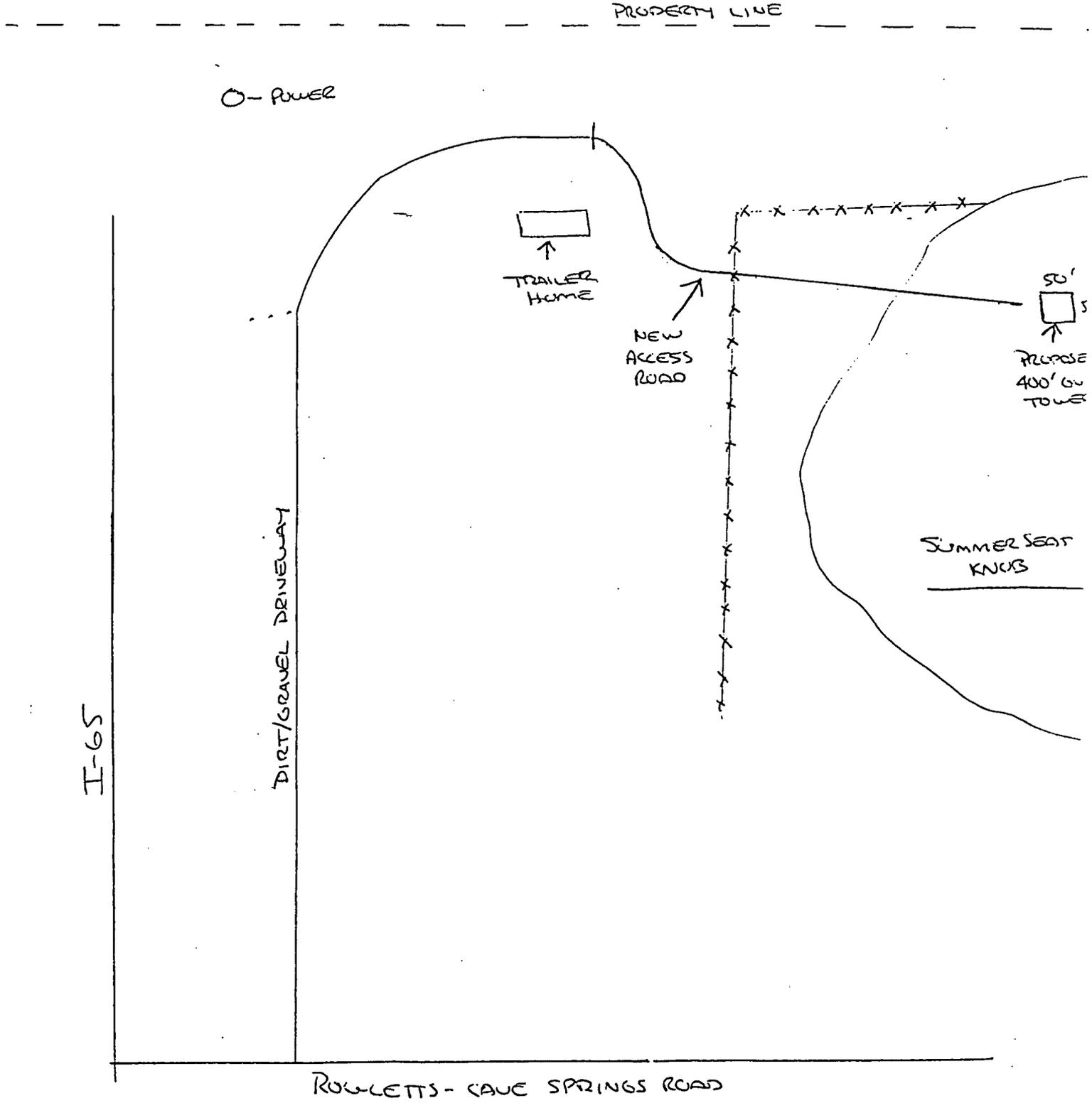
Notary Public
My Commission Expires: _____

EXHIBIT "A"
TO
LEASE AGREEMENT

FULL LEGAL DESCRIPTION OF "PROPERTY"

EXHIBIT "B"
to
LEASE AGREEMENT

SITE SKETCH OF "LEASED PREMISES"



**MEMORANDUM OF
LEASE AGREEMENT**

THIS MEMORANDUM OF LEASE AGREEMENT ("Memorandum"), made this ____ day of _____, 1999, by and between Mike K. Stinson, Owner, having a mailing address of P.O. Box 2043, Cave City, KY 42127 and CROWN COMMUNICATION INC., a Delaware corporation, doing business in Kentucky as CROWN COMMUNICATIONS, with an office address of 375 Southpointe Blvd., Canonsburg, Pennsylvania 15317 (hereinafter referred to as "Lessee").

WITNESSETH

1. Lessor and Lessee entered into a Lease Agreement dated _____ ("Lease"), of a portion of certain real property of Lessor located at _____, _____ County, Kentucky, which real property is more particularly described on Exhibit A attached hereto.

2. That portion of said real property leased by Lessee is a 50 feet by 50 feet parcel of land [and 10 feet around all guy lines] together with a non-exclusive right of ingress and egress seven (7) days per week, twenty-four (24) hours per day, along a right-of-way extending from the nearest public right-of-way, together with the right to install, replace and maintain utility wires, poles, cables, conduits and pipes, which area is more particularly described and shown on Exhibit "B" attached hereto ("Leased Premises").

3. The Lease conveys to Lessee the right TO HAVE AND TO HOLD the Leased Premises for a term of up to One Hundred (100) years from the date of the Lease, unless earlier terminated in accordance with the terms of the Lease.

4. Lessor covenants to restrict, on the remainder of the parcel of which the Leased Premises is a part, the construction, installation or operation of any other wireless communications facilities which emit radio frequencies without the prior written consent of Lessee.

5. A copy of the Lease is on file with Lessor and Lessee.

6. This Memorandum constitutes a memorandum of the unrecorded Lease, all the terms and conditions of which are hereby made a part hereof with the same force and effect as though fully set forth herein and the terms of which control this Memorandum notwithstanding any inconsistency between the provisions hereof and the Lease.

7. The terms, covenants and provisions of the Lease and this Memorandum shall extend to and be binding upon the respective executors, administrators, heirs, successors and assigns of Lessor and Lessee.

8. Lessee certifies that Lessee's precise address is 375 Southpointe Blvd., Canonsburg, Pennsylvania 15317.

IN WITNESS WHEREOF, Lessor and Lessee have caused this Memorandum to

be duly executed on the day and year first written above.

"LESSOR"



Mike K. Stinson

"LESSEE"
CROWN COMMUNICATION INC.,
a Delaware corporation

By: _____
John Binkley
Vice President and General Manager

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF JEFFERSON)

The foregoing instrument was subscribed, sworn to and acknowledged before me by
Mike K Stinson, on this 21 day of September, 1999.

Vicki J Spradlin
Notary Public

My Commission expires: 02-10-02

COMMONWEALTH OF Kentucky)
) SS:
COUNTY OF Jefferson)

CORPORATE ACKNOWLEDGMENT

On this _____ day of _____, 1999, before me, the subscriber, a Notary Public, in and for the Commonwealth of Pennsylvania, personally appeared **John Binkley**, Vice President and General Manager of Crown Communication Inc., a Delaware corporation, and in due form of law acknowledged that he is authorized on behalf of said corporation to execute all documents pertaining hereto and acknowledged to me that he executed the same as his voluntary act and deed on behalf of said corporation.

IN TESTIMONY WHERE, I have hereunto set my hand and affixed my seal in said County and Commonwealth as of the day and year last above written.

Notary Public

My Commission expires: _____

PREPARED BY:

Norman W. Graham
WYATT, TARRANT & COMBS
500 West Jefferson Street Louisville, KY 40202 (502) 589-5235

CERTIFICATION OF NOTIFICATION - EXHIBIT K
PSC Case # Crown Ref.: 263-110 Called Munfordville

1)

Hon. Terry Shelton
Hart County Judge Executive
P.O. Box 490
100 Courthouse Square
Munfordville, KY 42765

2)

Mike K. and Dana Stinson
29296 Louisville Road
Cave City, Kentucky 42127

3)

James Williams Minton
1676 S. Dixie Highway
Munfordville, Kentucky 42765

4)

Harry M. and Mary Burba Issacs
P.O. Box 520
Munfordville, Kentucky 42765

November 30, 1999

Mike K. and Dana Stinson
29296 Louisville Road
Cave City, Kentucky 42127

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-480
Our Site No.: 263-110 Called Munfordville

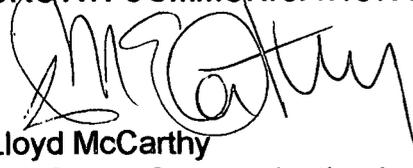
Dear Mike and Dana:

Crown Communication Inc., Tritel Communications, Inc. and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 250-foot tower with appurtenances attached to a maximum height of 270 feet, and a ground level equipment shelter to be located at Rowlettes-Cave Spring Road, Munfordville, KY 42765. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-480 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.



Lloyd McCarthy
For Crown Communication Inc.

November 30, 1999

James Williams Minton
1676 S. Dixie Highway
Munfordville, Kentucky 42765

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-480
Our Site No.: 263-110 Called Munfordville

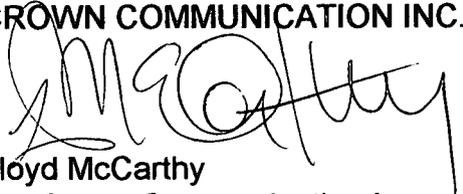
Dear James:

Crown Communication Inc., Tritel Communications, Inc. and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 250-foot tower with appurtenances attached to a maximum height of 270 feet, and a ground level equipment shelter to be located at Rowlettes-Cave Spring Road, Munfordville, KY 42765. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-480 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.



Lloyd McCarthy
For Crown Communication Inc.

November 30, 1999

Harry M. and Mary Burba Issacs
P.O. Box 520
Munfordville, Kentucky 42765

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-480
Our Site No.: 263-110 Called Munfordville

Dear Harry and Mary:

Crown Communication Inc., Tritel Communications, Inc. and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 250-foot tower with appurtenances attached to a maximum height of 270 feet, and a ground level equipment shelter to be located at Rowlettes-Cave Spring Road, Munfordville, KY 42765. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you own property within a 500' radius of the proposed tower.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-480 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.



Lloyd McCarthy

November 30, 1999

Hon. Terry Shelton
Hart County Judge Executive
P.O. Box 490
100 Courthouse Square
Munfordville, KY 42765

RE: Public Notice – Public Service Commission of Kentucky
Case No.: 99-480
Our Site No.: 263-110 Called Munfordville

Honorable Judge Shelton:

Crown Communication Inc., Tritel Communications, Inc. and Tritel Finance, Inc. have applied to the Public Service Commission of Kentucky ("PSC") for a Certificate of Public Convenience and Necessity to construct and operate a new facility to provide wireless telecommunication services. The facility will include a 250-foot tower with appurtenances attached to a maximum height of 270 feet, and a ground level equipment shelter to be located at Rowlettes-Cave Spring Road, Munfordville, KY 42765. A temporary tower of shorter stature might be erected at said location while awaiting final PSC approval and the approved tower is operational. This notice is being sent to you because you are the Judge Executive of Hart County.

The PSC invites your comments regarding the proposed construction. You also have the right to intervene in this matter. Your initial communication to the PSC must be received by the PSC within 20 days of the date of this letter as shown above. Your comments and request for intervention should be addressed to: Executive Director's Office, Public Service Commission of Kentucky, Post Office Box 615, Frankfort, Kentucky 40602. Please refer to Case No.: 99-480 in your correspondence.

Feel free contact James Parkison, Project Manager at (502) 240-0044 ext. 15, if you have any questions.

Sincerely,
CROWN COMMUNICATION INC.


Lloyd McCarthy
For Crown Communication Inc.

EXHIBIT N
COPY OF POSTING NOTICES

Copies of Posting Notices – FORM 3

Crown Communication, Inc proposes to construct a

TELECOMMUNICATIONS TOWER

on this site. If you have questions, please contact the General Manager, Crown Communication, Inc., 11001 Bluegrass Parkway, Suite 330, Louisville, KY 40299, (502) 240-0044 or the Executive Director, Public Service Commission, 730 Schenkel Lane, P.O. Box 615, Frankfort, KY 40602.
Please refer to Case # 99-480 in your correspondence.

Crown Communication, Inc., proposes to construct a

TELECOMMUNICATIONS TOWER

near this site. If you have questions, please contact the General Manager, Crown Communication, Inc., 11001 Bluegrass Parkway, Suite 330, Louisville, KY 40299, (502) 240-0044 or the Executive Director, Public Service Commission, 730 Schenkel Lane, P.O. Box 615, Frankfort, KY 40602.
Please refer to Case # 99-480 in your correspondence.

EXHIBIT O
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

SAM search Area Map



Name	Munfordville
Site Number	263-110-000
Latitude	37-14-55
Longitude	85-54-52
Ground Elevation (ft)	843
Radiation Center (AGL ft)	250
City, State	Munfordville, KY

County	Hart Co
7 1/2 Minute Quadrangle	Horse Cave
Issue Date	11/20/98
Elev Contour Int(ft)	20ft
NAD 83 / NAD 27	NAD27
Search Ring Radius (mi)	0.50
No of Sectors/No of Antennas	3/9

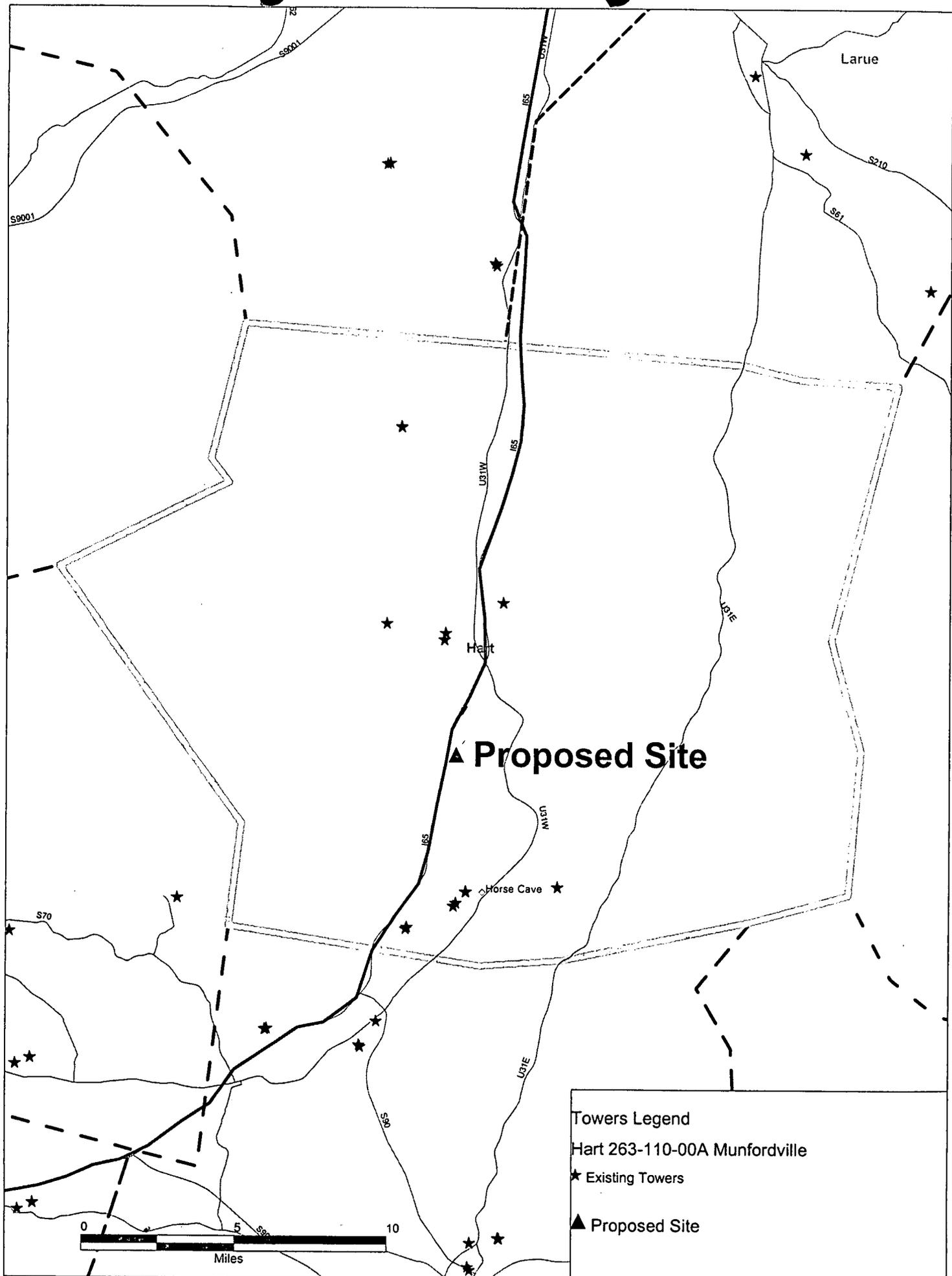
Coverage Objectives I-65 and US31 between Munfordville and Horse Cave

FAA Height Restriction N/A **AM Tower Concern?** No

Preferred Candidates:

Name	Address	RF Preference
A.		
B.		
C.		
D.		

Issued by (RF): Satish Bhandare



Towers Legend
Hart 263-110-00A Munfordville
★ Existing Towers
▲ Proposed Site

EXHIBIT P
TOWER MAP FOR SUBJECT COUNTY